



Administrative Site Review Application

Planning and Development Customer Service Center • One Exchange Plaza, Suite 400 | Raleigh, NC 27601 | 919-996-2500

This form is required when submitting site plans as referenced in Unified Development Ordinance (UDO) Section 10.2.8. Please check the appropriate building types and include the plan checklist document when submitting.

Office Use Only: Case #: _____ Planner (print): _____

Please review UDO Section 10.2.8. to determine the site plan tier. If assistance determining a Site Plan Tier is needed a Site Plan Tier Verification request can be submitted online via the [Permit and Development Portal](#). (Note: There is a fee for this verification service.)

Site Plan Tier: Tier Two Site Plan Tier Three Site Plan

Building and Development Type (Check all that apply)		Site Transaction History
<input type="checkbox"/> Detached <input type="checkbox"/> Attached <input type="checkbox"/> Townhouse <input type="checkbox"/> Apartment <input type="checkbox"/> Tiny house <input type="checkbox"/> Open lot	<input type="checkbox"/> General <input type="checkbox"/> Mixed use <input type="checkbox"/> Civic <input type="checkbox"/> Cottage Court <input type="checkbox"/> Frequent Transit Development Option	Subdivision case #: _____ Scoping/sketch plan case #: _____ Certificate of Appropriateness #: _____ Board of Adjustment #: _____ Zoning Case #: _____ Design Alternate #: _____

GENERAL INFORMATION

Development name: _____

Inside City limits? Yes No

Property address(es): 516, 514, 512, 502 S. Bloodworth St, Raleigh NC 27604,
322 E Cabarrus St, Raleigh NC 27601,
513 S. Person St, Raleigh NC 27601

Site P.I.N.(s): _____

Please describe the scope of work. Include any additions, expansions, and uses (UDO 6.1.4).
 Proposal of 23,818 SF Mixed-use building with parking, drive isles, utilities, stormwater, and associated landscaping. To be used for Multi-unit living, Day Care center and Retail uses.

Current Property Owner(s): Beginning and Beyond Child Development Center Inc. -Rosalind Blair(Signing Authority)

Company: Beginning and Beyond Child Development Center Inc. Title: _____

Address: _____

Phone #: _____ Email: _____

Applicant Name (If different from owner. See “who can apply” in instructions): _____

Relationship to owner: Lessee or contract purchaser Owner’s authorized agent Easement holder

Company: _____ Address: _____

Phone #:	Email:
NOTE: please attach purchase agreement or contract, lease or easement when submitting this form.	
Developer Contact: Beginning and Beyond Child Development Center Inc. -Rosalind Blair(Signing Authority)	
Company: Beginning and Beyond Child Development Center Inc.	Title:
Address:	
Phone #:	Email:
Applicant Name:	
Company: Beginning and Beyond Child Development Center	Address:
Phone #:	Email:

DEVELOPMENT TYPE + SITE DATE TABLE
(Applicable to all developments)

SITE DATA	BUILDING DATA
Zoning district(s) (please provide the acreage of each):	Existing gross floor area (not to be demolished):
Gross site acreage:	Existing gross floor area to be demolished:
# of parking spaces proposed:	New gross floor area:
Max # parking permitted (7.1.2.C): No max with Day Care	Total sf gross (to remain and new):
Overlay District (if applicable):	Proposed # of buildings:
Existing use (UDO 6.1.4): Single-Family Resident, Day Care & Vacant	Proposed # of stories for each:
Proposed use (UDO 6.1.4): Multi-unit living, Day care center & Personal service use	Proposed # of basement levels (UDO 1.5.7.A.6)

STORMWATER INFORMATION

Imperious Area on Parcel(s): Existing (sf) _____ Proposed total (sf) _____	Impervious Area for Compliance (includes ROW): Existing (sf) _____ Proposed total (sf) _____
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RESIDENTIAL & OVERNIGHT LODGING DEVELOPMENTS

Total # of dwelling units:	Total # of hotel bedrooms:
# of bedroom units: 1br _____ 2br _____ 3br _____ 4br or more _____	
# of lots:	Is your project a cottage court? <input type="radio"/> Yes <input type="radio"/> No
	A frequent transit development? <input type="radio"/> Yes <input type="radio"/> No

Continue to Applicant Signature Block on Page 4.

APPLICANT SIGNATURE BLOCK

Pursuant to state law (N.C. Gen. Stat. § 160D-403(a)), applications for development approvals may be made by the landowner, a lessee or person holding an option or contract to purchase or lease land, or an authorized agent of the landowner. An easement holder may also apply for development approval for such development as is authorized by the easement.

Acting as an authorized agent requires written permission from the property owner for the purposes of making this development approval and/or permit application. Written permission from the property owner to act as an authorized agent must be made available to the City of Raleigh upon request.

By submitting this application, the undersigned applicant acknowledges that they are either the property owner or one of the persons authorized by state law (N.C.G.S. 160D-403(a)) to make this application, as specified in the application. The undersigned also acknowledges that the information and statements made in the application are correct and the undersigned understands that development approvals are subject to revocation for false statements or misrepresentations made in securing the development approval, pursuant to N.C. Gen. Stat. § 160D-403(f).

The undersigned indicates that the property owner(s) is aware of this application and that the proposed project described in this application will be maintained in all respects in accordance with the plans and specifications submitted herewith, and in accordance with the provisions and regulations of the City of Raleigh Unified Development Ordinance.

The undersigned hereby acknowledges that, pursuant to state law (N.C.G.S. 143-755(b1)), if this permit application is placed on hold at the request of the applicant for a period of six consecutive months or more, or if the applicant fails to respond to comments or provide additional information requested by the City for a period of six consecutive months or more, then the application review is discontinued, and a new application is required to proceed and the development regulations in effect at the time permit processing is resumed shall apply to the new application.

Signature: <i>Rosalyn J. Blair</i>	Date: <i>5-20-24</i>
Printed Name: <i>Rosalyn J. Blair</i>	
Signature: <i>Bobby Lee Sanders</i>	Date: <i>5-20-24</i>
Printed Name: <i>BOBBY LEE SANDERS</i>	

TIER 3 - ADMINISTRATIVE SITE REVIEW PLANS FOR: 516 S. BLOODWORTH STREET

516 S. BLOODWORTH STREET RALEIGH, NORTH CAROLINA 27604

NO.	REVISION	DATE

Administrative Site Review Application

Planning and Development Customer Service Center • One Exchange Plaza, Suite 402 | Raleigh, NC 27601 | 919-996-2800

This form is required when submitting site plans as referenced in Unified Development Ordinance (UDO) Section 10.2.2. Please check the appropriate building types and include the plan checklist document when submitting.

Office Use Only: Case # _____ Planner (print): _____

Please review UDO Section 10.2.2 to determine the site plan tier. If assistance determining a Site Plan Tier is needed, a Site Plan Tier Verification request can be submitted online via the [Permit and Development Portal](#). (Note: There is a fee for this verification service.)

Site Plan Tier: Tier Two Site Plan Tier Three Site Plan

Building and Development Type (Check all that apply)		Site Transaction History
<input type="checkbox"/> Detached	<input type="checkbox"/> General	Subdivision case #:
<input type="checkbox"/> Attached	<input checked="" type="checkbox"/> Mixed use	Scoping/sketch plan case #:
<input type="checkbox"/> Townhouse	<input type="checkbox"/> Civic	Certificate of Appropriateness #:
<input type="checkbox"/> Apartment	<input type="checkbox"/> Cottage/Court	Board of Adjustment #:
<input type="checkbox"/> Tiny house	<input type="checkbox"/> Frequent Transit	Zoning Case #:
<input type="checkbox"/> Open lot	<input type="checkbox"/> Development Option	Design Alternate #:

GENERAL INFORMATION

Development name: 516 S. Bloodworth Street

Inside City limits? Yes No

Property address(es): 516, 514, 512, 502 S. Bloodworth St., Raleigh, NC 27604, 322 E Cabarrus St., Raleigh, NC 27601, 513 S. Person St., Raleigh, NC 27601

Site P.L.N.(s): 1703866620, 1703866649, 1703866639, 1703866622

Please describe the scope of work. Include any additions, expansions, and uses (UDO 6.1.4).
 Proposal of 23,818 SF Mixed-use building with parking, drive sales, utilities, stormwater, and associated landscaping. To be used for Multi-unit living, Day Care center and Retail uses.

Current Property Owner(s): Beginning and Beyond Child Development Center, Inc. -Rosalind Blair(Signing Authority)
 Company: Beginning and Beyond Child Development Center, Inc. Title: President
 Address: 322 E Cabarrus St., Raleigh, NC 27601
 Phone #: (919) 856-2273 Email: rozandbobby@aol.com

Applicant Name (if different from owner. See "who can apply" in instructions): N/A

Relationship to owner: Lessee or contract purchaser Owner's authorized agent Easement holder

Company: N/A Address: N/A

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Phone #: N/A Email: N/A

NOTE: please attach purchase agreement or contract, lease or easement when submitting this form.

Developer Contact: Beginning and Beyond Child Development Center, Inc. -Rosalind Blair(Signing Authority)
 Company: Beginning and Beyond Child Development Center, Inc. Title: President
 Address: 322 E Cabarrus St., Raleigh, NC 27601
 Phone #: (919) 856-2273 Email: rozandbobby@aol.com

Applicant Name: Rosalind Blair
 Company: Beginning and Beyond Child Development Center, Inc. Address: 322 E Cabarrus St., Raleigh, NC 27601
 Phone #: (919) 856-2273 Email: rozandbobby@aol.com

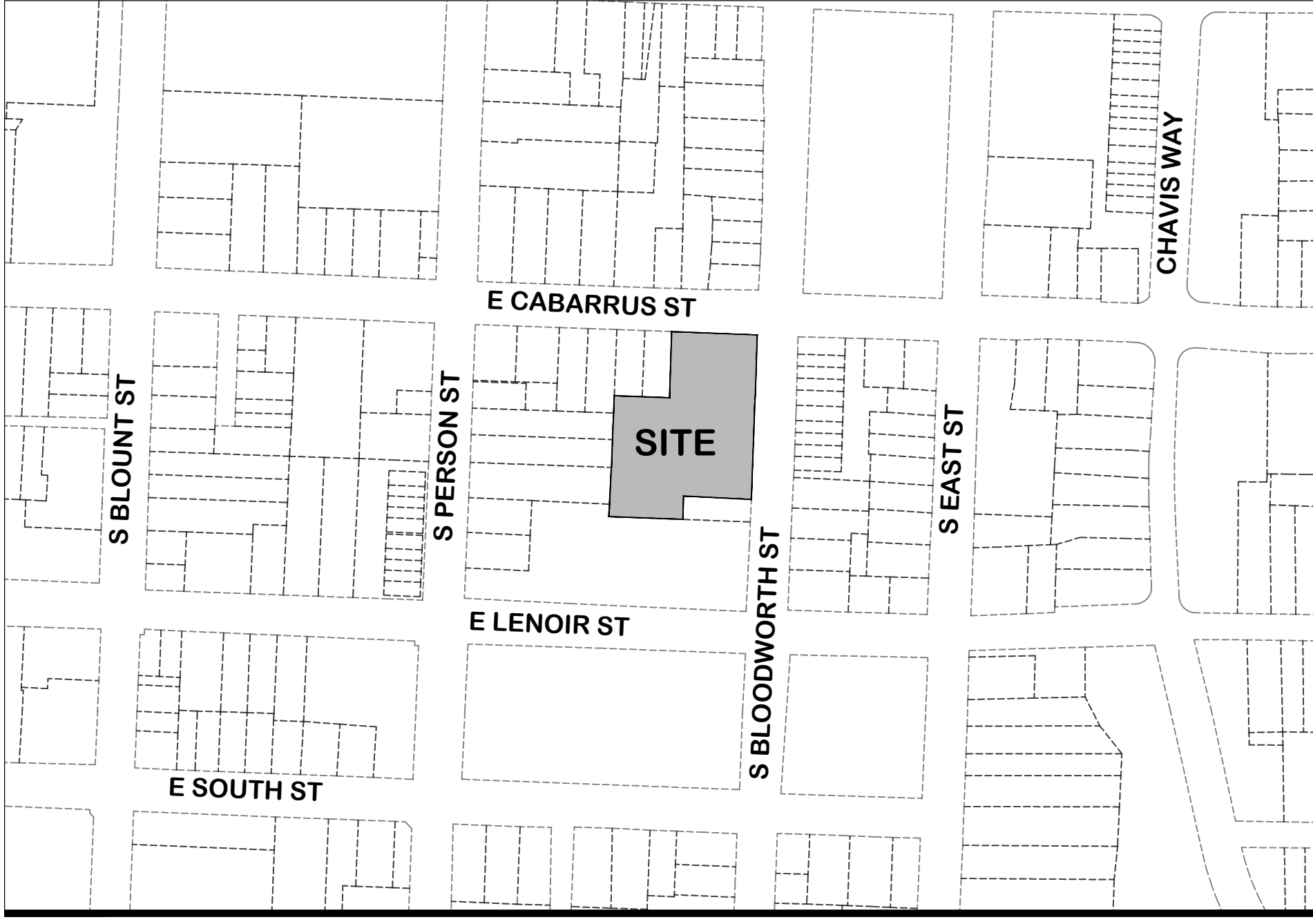
DEVELOPMENT TYPE - SITE DATA TABLE			
SITE DATA		BUILDING DATA	
Zoning district(s) (please provide the acreage of each): DX-3-U-CU	Existing gross floor area (not to be demolished): 6,529 SF	Existing gross floor area to be demolished: 2,649	
Gross site acreage: 1.11	Existing gross floor area to be demolished: 2,649	New gross floor area: 23,818	
# of parking spaces proposed: 27 Spaces	Max # of parking permitted (7.1.2.C): 144 max with Day Care	Total of gross (to remain and new): 29,346 SF	
Overlay District (if applicable): N/A	Proposed # of buildings: 1		
Existing use (UDO 6.1.4): Single-Family Residential, Day Care A, Retail	Proposed # of stories for each: 3		
Proposed use (UDO 6.1.4): Multi-unit living, Day care center & frequent transit use	Proposed # of basement levels (UDO 1.5.7.A.6): 1		

STORMWATER INFORMATION			
Impervious Area on Parcel(s):			
Existing (sf): 24,688	Proposed total (sf): 23,812	Existing (sf): 27,688	Proposed total (sf): 46,228

RESIDENTIAL & OVERNIGHT LODGING DEVELOPMENTS			
Total # of dwelling units: 6	Total # of hotel bedrooms: 0		
# of bedroom units: 1br: 2br: 3br:	4br or more:		
Is your project a cottage court? <input type="radio"/> Yes <input checked="" type="radio"/> No		A frequent transit development? <input type="radio"/> Yes <input checked="" type="radio"/> No	

Continue to Applicant Signature Block on Page 4.

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VICINITY MAP
1" = 200'

INDEX TO PLANS

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C-2.0	EXISTING CONDITIONS & DEMOLITION PLAN
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C-2.3	TRASH TRUCK ACCESS PLAN
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C-4.0	UTILITY PLAN
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L-1.0	LANDSCAPE PLAN
L-1.1	LANDSCAPE DETAILS
LP-1.0	LIGHTING PLAN
A201	BUILDING ELEVATIONS

- DEVELOPER:**
 BEGINNING AND BEYOND CHILD DEVELOPMENT CENTER
 322 E CABARRUS STREET
 RALEIGH, NC 27601
 TEL: 919-856-2273
 E-MAIL: rozandbobby@aol.com
- CIVIL ENGINEER:**
 PABST DESIGN GROUP, PA
 107 FAYETTEVILLE STREET, SUITE 200
 RALEIGH, NC 27601
 TEL: 919-848-4399
 E-MAIL: dpabst@pabstdesign.com
- SURVEYOR:**
 BOUNDARY ZONE INC.
 8024 GLENWOOD AVENUE, SUITE 109
 RALEIGH, NC 27612
 TEL: 919-363-9226
 EMAIL: jmtchell@boundaryzone.com
- ARCHITECT:**
 NEW CITY DESIGN GROUP.
 1304 HILLSBOROUGH ST.
 RALEIGH, NC 27605
 TEL: 919-831-1308

APPLICANT SIGNATURE BLOCK

Pursuant to state law (N.C. Gen. Stat. § 160D-403(a)), applications for development approvals may be made by the landowner, a lessee or person holding an option or contract to purchase or lease land, or an authorized agent of the landowner. An easement holder may also apply for development approval for such development, as is authorized by the easement.

As an authorized agent, I/We hereby certify that I/we are the owner of the property for the purposes of making the development approval and/or permit application. Written permission from the property owner to act as an authorized agent must be made available to the City of Raleigh upon request.

By submitting this application, the undersigned applicant acknowledges that they are either the property owner or one of the persons authorized by state law (N.C.G.S. 160D-403(a)) to make this application, as specified in the application. The undersigned also acknowledges that the information and statements made in the application are correct and the undersigned understands that development approvals are subject to revocation for false statements or misrepresentations made in securing the development approval, pursuant to N.C. Gen. Stat. § 160D-403(f).

The undersigned indicates that the property owner(s) is/are aware of this application and that the proposed project described in this application will be maintained in all respects in accordance with the plans and specifications submitted herewith, and in accordance with the provisions and regulations of the City of Raleigh Unified Development Ordinance.

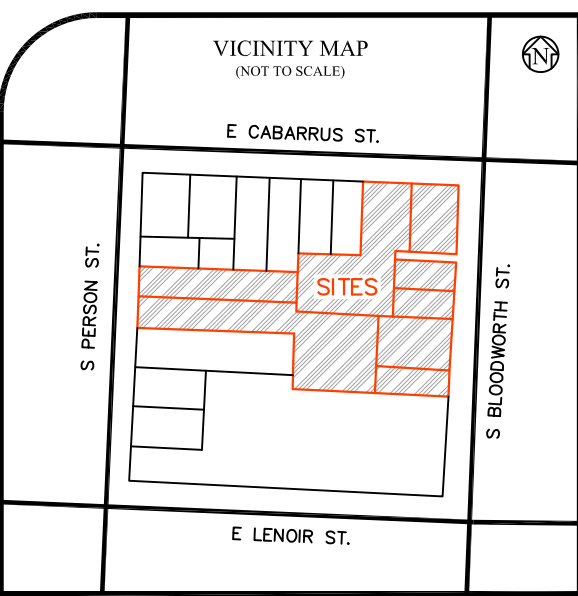
The undersigned hereby acknowledges that, pursuant to state law (N.C.G.S. 143-750(b)), if this permit application is placed on hold as the request of the applicant for a period of six consecutive months or more, or if the applicant fails to respond to comments or provide additional information requested by the City for a period of six consecutive months or more, then the application review is discontinued, and a new application is required to proceed and the development regulations in effect at the time permit processing is resumed shall apply to the new application.

Signature: *Rosalind Blair* Date: 5-20-24
 Printed Name: Rosalind Blair
 Signature: *Robert J. Mitchell* Date: 5-20-24
 Printed Name: Robert J. Mitchell

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NOT FOR CONSTRUCTION

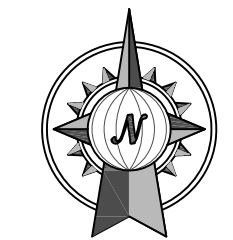
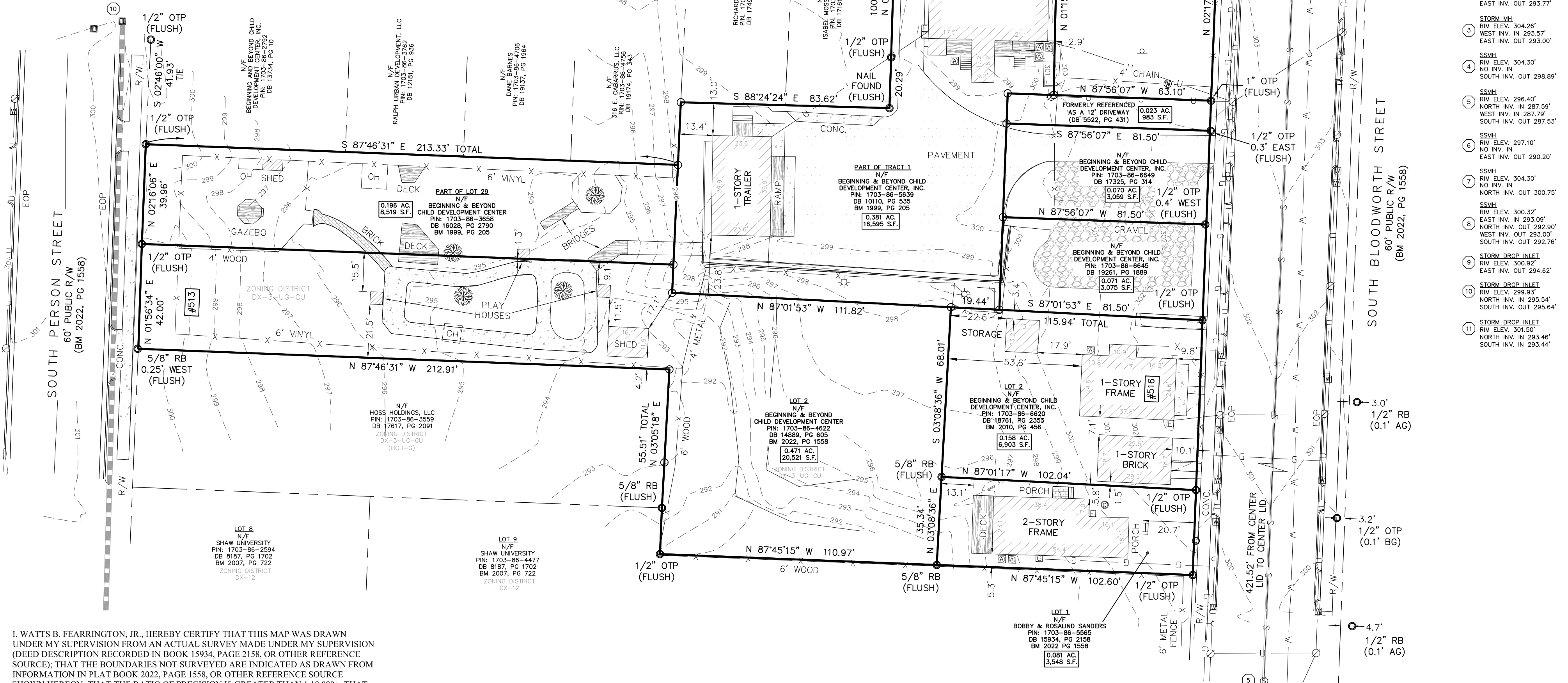
NOTE(s): ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.



SITE DATA	
ZONING:	DX-3-UG-CU
MIN. LOT SIZE	
PRIMARY STREET	5' MIN
SIDE STREET	5' MIN
SIDE LOT LINE	3' MIN
REAR LOT LINE	10' MIN
BUILDING HEIGHT	40' MAX
IMPERVIOUS MAX	
PER: WAKE COUNTY IMAPS & CITY OF RALEIGH UDO	

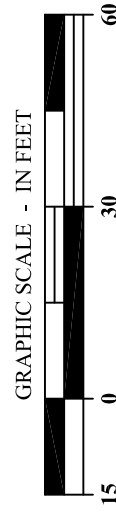
GENERAL NOTES

- THIS SURVEY IS NOT TO BE USED FOR RECORDATION, CONVEYANCES, OR SALES, AND WAS PREPARED FOR THE SOLE USE OF THE PERSON(S) OR ENTITY NAMED HEREON.
- PROPERTIES SHOWN HEREON MAY BE SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD THAT WOULD BE REVEALED BY A THOROUGH TITLE SEARCH. THIS PLAN SHOULD NOT BE RELIED UPON AS A COMPLETE RECORD OF ALL EASEMENTS AND ENCUMBRANCES THAT MAY BENEFIT AND/OR BURDEN THESE PROPERTIES.
- THE UNIT OF MEASUREMENT IS U.S. SURVEY FEET. ALL DISTANCES AND COORDINATES SHOWN HEREON ARE LOCALIZED & GROUND, UNLESS OTHERWISE NOTED AS "GRID".
- ALL AREA(S) ON THIS PLAN WERE CALCULATED BY THE COORDINATE METHOD.
- UPON EXAMINATION OF FLOOD INSURANCE RATE MAP, PANEL #1703 (WAKE COUNTY), BEARING MAP #3720170300K, EFFECTIVE DATE OF 07/19/2022; THE SUBJECT PARCEL LIES IN ZONE "X".
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL CITY/COUNTY & NCDOT STANDARDS AND SPECIFICATIONS.
- THIS PLAN WAS PREPARED USING A TRIMBLE R12i GPS UNIT. FIELDWORK COMPLETED: 03/05/2024
- SURVEY CONTROL WAS ESTABLISHED BY USING THE NORTH CAROLINA VRS SYSTEM. DATA WAS COLLECTED IN NAD-83 (2011) HORIZONTAL & NAVD-88 VERTICAL DATUMS.



NORTH
NC GRID
NAD 83 (2011)
NAVD 88
SCALE: 1"=30'

NO.	REVISION	DATE
1.		
2.		
3.		
4.		
5.		



TOPOGRAPHIC SURVEY

PREPARED FOR: BOBBY & ROSALIND SANDERS
 502-520 S BLOODWORTH ST., RALEIGH, NC 27601
 322 E CABARRUS ST., RALEIGH, NC 27601
 509-513 S PERSON ST., RALEIGH, NC 27601
 CITY OF RALEIGH, RALEIGH TOWNSHIP
 WAKE COUNTY, NORTH CAROLINA - 03/22/2024

I, WATTS B. FEARRINGTON, JR., HEREBY CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK 15934, PAGE 2158, OR OTHER REFERENCE SOURCE); THAT THE BOUNDARIES NOT SURVEYED ARE INDICATED AS DRAWN FROM INFORMATION IN PLAT BOOK 2022, PAGE 1558, OR OTHER REFERENCE SOURCE SHOWN HEREON; THAT THE RATIO OF PRECISION IS GREATER THAN 1:10,000+; THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600), WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER, & SEAL THIS 22ND DAY OF MARCH, 2024.

WATTS B. FEARRINGTON, JR., PLS-3468

LEGEND	
○ PROP. COR. FOUND	⊠ JUNCTION BOX
● 5/8" REBAR SET	⊠ DRAINAGE INLET
○ COMPUTED POINT	⊠ POWER POLE
□ R/W MONUMENT	⊠ LIGHT POLE
⊠ FIRE HYDRANT	⊠ POWER POLE
⊠ WATER METER	⊠ W/LIGHT
⊠ WATER VALVE	⊠ GUY WIRE
⊠ MANHOLE	⊠ POWER METER
⊠ CLEAN OUT	⊠ ELECTRIC BOX
⊠ SIGN	⊠ A/C UNIT
	⊠ GAS METER
	⊠ GAS VALVE
	⊠ FLARED END SECTION
	⊠ WATER MANHOLE
	⊠ FIBER OPTIC BOX
	⊠ TELEPHONE MANHOLE
	⊠ POWER MANHOLE
	⊠ OUTFLOW STRUCTURE
	⊠ CABLE BOX
	⊠ TELEPHONE BOX
	⊠ REINFORCED CONC. PIPE
	⊠ HARDWOOD TREE
	⊠ PINE TREE
	N/F NOW OR FORMERLY
	R/W RIGHT-OF-WAY
	OTF OPEN TOP PIPE
	OTP CLOSED TOP PIPE
	RB REBAR
	CONC. CONCRETE
	EOP EDGE OF PAVEMENT
	OH OVERHANG
	CNT. CANTILEVER
	DB DEED BOOK
	BM BOOK OF MAPS
	PG PAGE
	CLF CHAIN LINK FENCE
	FFE FINISHED FLOOR ELEVATION
	BFE BASEMENT FLOOR ELEVATION
	GFE GARAGE FLOOR ELEVATION
	— SUBJECT PROPERTY LINE
	--- ADJOINING PROPERTY LINE
	-W- WATER LINE
	-S- SEWER LINE
	-G- GAS LINE
	-C- CABLE LINE
	-T- TELEPHONE LINE
	-250- CONTOUR LINE
	BSL BUILDING
	SETBACK LINE
	AG ABOVE GRADE
	BG BELOW GRADE

BOUNDARY zone, inc.
 SURVEYORS, ENGINEERS AND LAND PLANNERS
 WWW.BOUNDARYZONE.COM
 FIRM NUMBER: C-3534

PROVIDING SERVICES FOR METRO ATLANTA, RALEIGH-DURHAM, & CENTRAL FLORIDA
 8024 GLENWOOD AVENUE #109, RALEIGH, NC 27612 (919) 363-9226
 © COPYRIGHT 2024 BOUNDARY ZONE, INC. ALL RIGHTS RESERVED

PROJECT R22051-05

SHEET 1 OF 1

LEGEND

Table with 2 columns: Symbol and Description. Includes symbols for limits of construction, existing utilities, proposed structures, and various pipe types.

Table with 2 columns: Symbol and Description. Includes symbols for existing and proposed concrete, asphalt, vegetation, wetlands, riparian buffers, and various stabilization methods.

DEMOLITION NOTES:

- 1. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL LOCAL AND STATE PERMITS REQUIRED FOR DEMOLITION WORK.
2. THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER AND/OR ENGINEER FOR ANY AND ALL INJURIES AND/OR DAMAGES TO PERSONNEL, EQUIPMENT, AND/OR EXISTING FACILITIES IN THE DEMOLITION AND CONSTRUCTION DESCRIBED IN THE PLANS AND SPECIFICATIONS.
3. EXISTING CONDITIONS AS DEPICTED ON THESE PLANS ARE GENERAL AND ILLUSTRATIVE IN NATURE AND DO NOT INCLUDE MECHANICAL, ELECTRICAL AND MISCELLANEOUS STRUCTURES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE SITE AND BE FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BIDDING ON THE DEMOLITION WORK FOR THIS PROJECT.

SITE LAYOUT NOTES:

- 1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE CITY OF RALEIGH, WAKE COUNTY, AND NCDOT STANDARDS AND SPECIFICATIONS.
2. ALL DIMENSIONS ARE TO EDGE OF PAVEMENT, EDGE OF SIDEWALK, FACE OF CURB, CENTERLINE OF COLUMN AND FACE OF BUILDING WALL, UNLESS OTHERWISE NOTED. ALL RADII DIMENSIONS TO BACK OF CURB.
3. ALL PAINT STRIPING, PAVEMENT MARKINGS, AND SIGNAGE SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" OR AS REQUIRED IN SPECIFICATIONS.

GENERAL UTILITY NOTES:

- 1. ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE PLANS PREPARED BY PABST DESIGN GROUP, PA, THE CURRENT REQUIREMENTS OF THE CITY OF RALEIGH, AND ALL OTHER PERTINENT FEDERAL AND STATE LAWS.
2. THE CONTRACTOR SHALL COMPLY AT ALL TIMES WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, PROVISIONS, AND POLICIES GOVERNING SAFETY AND HEALTH, INCLUDING THE FEDERAL CONSTRUCTION SAFETY ACT (PUBLIC LAW 91-54), FEDERAL REGISTER, CHAPTER XVII, PART 1925 OF TITLE 29 REGULATIONS, OCCUPATIONAL SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION, AND SUBSEQUENT PUBLICATIONS UPDATING THESE REGULATIONS.

- 7. CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE UTILITY COMPANY ON THE ADDITION, REMOVAL AND/OR RELOCATION OF UTILITIES AND UTILITY POLES AND THE EXTENSION OF ALL PROPOSED UTILITIES TO THE ASPHALT PLANT.
8. ALL UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE RESPECTIVE UTILITY COMPANY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL UTILITIES ARE INSTALLED CORRECTLY TO MEET PROJECT REQUIREMENTS WHETHER PERFORMED BY THE CONTRACTOR OR NOT.
9. AN AS-BUILT DRAWING OF NEW UTILITY SERVICES SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE OWNER BEFORE COMPLETION OF THE PROJECT FOR CITY APPROVAL.

CITY OF RALEIGH UTILITY NOTES:

- 1. ALL MATERIALS & CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH DESIGN STANDARDS, DETAILS & SPECIFICATIONS (REFERENCE: CORPUD HANDBOOK, CURRENT EDITION)
2. UTILITY SEPARATION REQUIREMENTS:
a. A DISTANCE OF 18" SHALL BE MAINTAINED BETWEEN SANITARY SEWER & ANY PRIVATE OR PUBLIC WATER SUPPLY SOURCE SUCH AS AN IMPOUNDED RESERVOIR USED AS A SOURCE OF DRINKING WATER. IF ADEQUATE LATERAL SEPARATION CANNOT BE ACHIEVED, FERROUS SANITARY SEWER PIPE SHALL BE SPECIFIED & INSTALLED TO WATERLINE SPECIFICATIONS. HOWEVER, THE MINIMUM SEPARATION SHALL NOT BE LESS THAN 25" FROM A PRIVATE WELL OR 50" FROM A PUBLIC WELL.

GRADING NOTES:

- 1. ALL SITE WORK SHALL BE DONE IN ACCORDANCE WITH THE PLANS PREPARED BY PABST DESIGN GROUP, PA, THE CURRENT REQUIREMENTS OF THE CITY OF RALEIGH, THE APPLICABLE SECTIONS OF THE NCDOT STANDARD SPECIFICATIONS FOR ROADWAY CONSTRUCTION, AND ALL OTHER PERTINENT FEDERAL AND STATE LAWS.
2. ALL EXISTING TREES, VEGETATION, PAVEMENTS, CONCRETE FOUNDATIONS, STRUCTURES AND ORGANIC TOPSOIL SHALL BE STRIPPED AND REMOVED FROM NEW CONSTRUCTION AREAS UNLESS OTHERWISE NOTED.
3. ALL AREAS NOT PAVED SHALL BE TOPSOILED, SEEDED, MULCHED OR LANDSCAPED UNLESS OTHERWISE NOTED IN THE CONSTRUCTION DRAWINGS, SITE SPECIFICATIONS OR INSTRUCTED BY THE OWNER.

- 16. COMPACT ALL FILL AREAS TO 95% OF MAXIMUM DENSITY, OR PER GEOTECHNICAL RECOMMENDATIONS.
17. PROPOSED SPOT ELEVATIONS ARE SHOWN AT FINISHED GRADE.
18. ALL 2:1 SLOPES TO BE STABILIZED WITH TURF REINFORCEMENT MAT PER MANUFACTURER'S RECOMMENDATIONS. SLOPES TO BE SEEDED W/ COASTAL SLOPE SHIELD MIX SUMMERS/SPRING OR FALL/WINTER BLEND DEPENDING ON SEASON. CONTACT ACE ENVIRONMENTAL FOR SPECIFICATIONS AT 1-800-448-3636.

TOTAL DISTURBED AREA = ± 34,643 SF, 0.79 AC

GENERAL PLANTING NOTES:

- 1. ALL LANDSCAPING SHALL BE INSTALLED ACCORDING TO SOUND NURSERY PRACTICES AND SHALL MEET ALL STANDARDS AS STATED IN THE LATEST EDITION OF AMERICAN STANDARD FOR NURSERY STOCK.
2. PLANT LIST QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. IN THE EVENT OF QUANTITY DISCREPANCIES, THE DRAWINGS SHALL TAKE PRECEDENCE.
3. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER OR LANDSCAPE DESIGNER.

FOR REVIEW ONLY
NOT FOR CONSTRUCTION

NOTE(s): ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

PABST DESIGN GROUP, PA
Engineering & Consulting
107 Fayetteville Street, Suite 300, Raleigh, North Carolina 27601
Phone: 919 946 4399 | Fax: 919 946 4395 | NC LICENSE NUMBER: C-9311

PREPARED FOR:
SEMINAR & BOND DEVELOPMENT CENTER, INC
337 EAST CARRIERS STREET
RALEIGH, NORTH CAROLINA 27601
DATE: 5.15.2023
PROJECT ENGINEER:
PROJECT CAD:
PROJECT SURVEYOR:
STANDARD ZONE, INC.

516 S. BLOODWORTH STREET
RALEIGH, WAKE COUNTY, NORTH CAROLINA
TIER 3 - ADMINISTRATIVE SITE REVIEW
LEGENDS & NOTES SHEET

DRAWING SHEET
C-0.1
PROJECT NUMBER
660-23
Table with columns: NO., DATE, REVISION

C:\Public\Projects\660-699\660-23_516_Bloodworth_(Restining & Bonding)\50-Drawings\4-Drawing\660-23_C-01.dwg, May 21, 2024, 2:55pm, B.Y.mphillips



March 27, 2024

516 S Bloodworth
 Mark Phillips
 Pabst Design
 107 Fayetteville St. Suite 200
 Raleigh, NC 27601

Attn: Mark

This is a letter of support for trash and recycling services for your new project being planned for 516 S Bloodworth St. Raleigh, NC.

We have reviewed the plans and have found that GFL Environmental will be able to safely perform all commercial waste and recycling services and will collect between 7am and 11pm as permitted by the noise ordinance set by the City of Raleigh. The plans call for 1 8yrd trash dumpster and 6 recycling carts. Service days are yet to be determined but is anticipated to be 1-2 times a week for trash and once a week for the recycling carts. Service days and frequency are subject to change and may be increased as needed.

If the project design changes, this letter is void and a new letter must be issued. Additionally, this letter is non-transferable.

We want to visit the site during the initial phases of construction to ensure that the site will continue to be safe to service and the trash enclosure will be large enough to accommodate the volume of trash that will be produced.

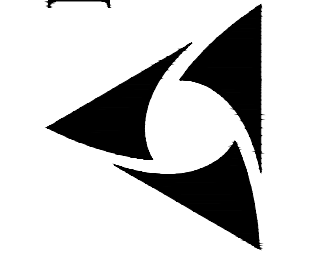
We look forward to providing waste and recycling services at your new property once it has been completed.

Should you have any questions or need more information, please contact me at tara.zents@gflenv.com.

Sincerely,
Tara Zents
 Account Manager
 GFL Environmental – Raleigh
 (M) 919-427-2399

3301 Benson Drive, Suite 601, Raleigh, NC 27609
 Tel: 919-325-3000 | gflenv.com

PABST DESIGN GROUP, PA
 Engineering | Consulting
 107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
 Phone: 919 848 4399 | Fax: 919 848 4395 | NC LICENSE NUMBER: C-3311



PREPARED FOR: PABST DEVELOPMENT CENTER, INC.
 337 EAST GARRIUS STREET
 RALEIGH, NORTH CAROLINA 27601
 DATE: 5.15.2023
 PROJECT ENGINEER:
 PUP
 PROJECT CADD DESIGNER:
 MWP
 PROJECT SURVEYOR:
 STANBURY ZONE, INC.

516 S. BLOODWORTH STREET
 RALEIGH, WAKE COUNTY, NORTH CAROLINA
**TIER 3 - ADMINISTRATIVE SITE REVIEW
 AGREEMENT AND APPROVAL LETTERS**

NO.	REVISION	DATE

**FOR REVIEW ONLY
 NOT FOR CONSTRUCTION**

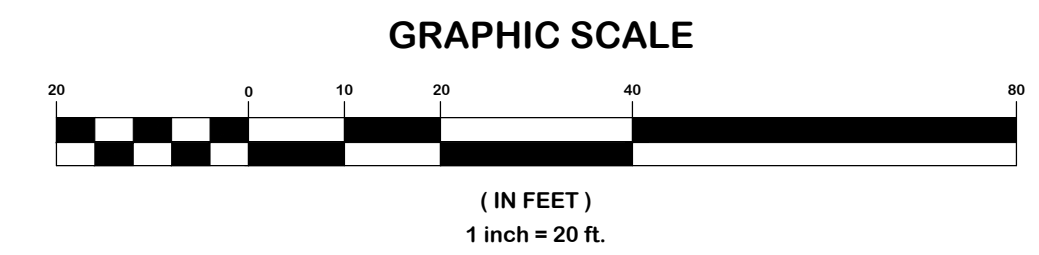
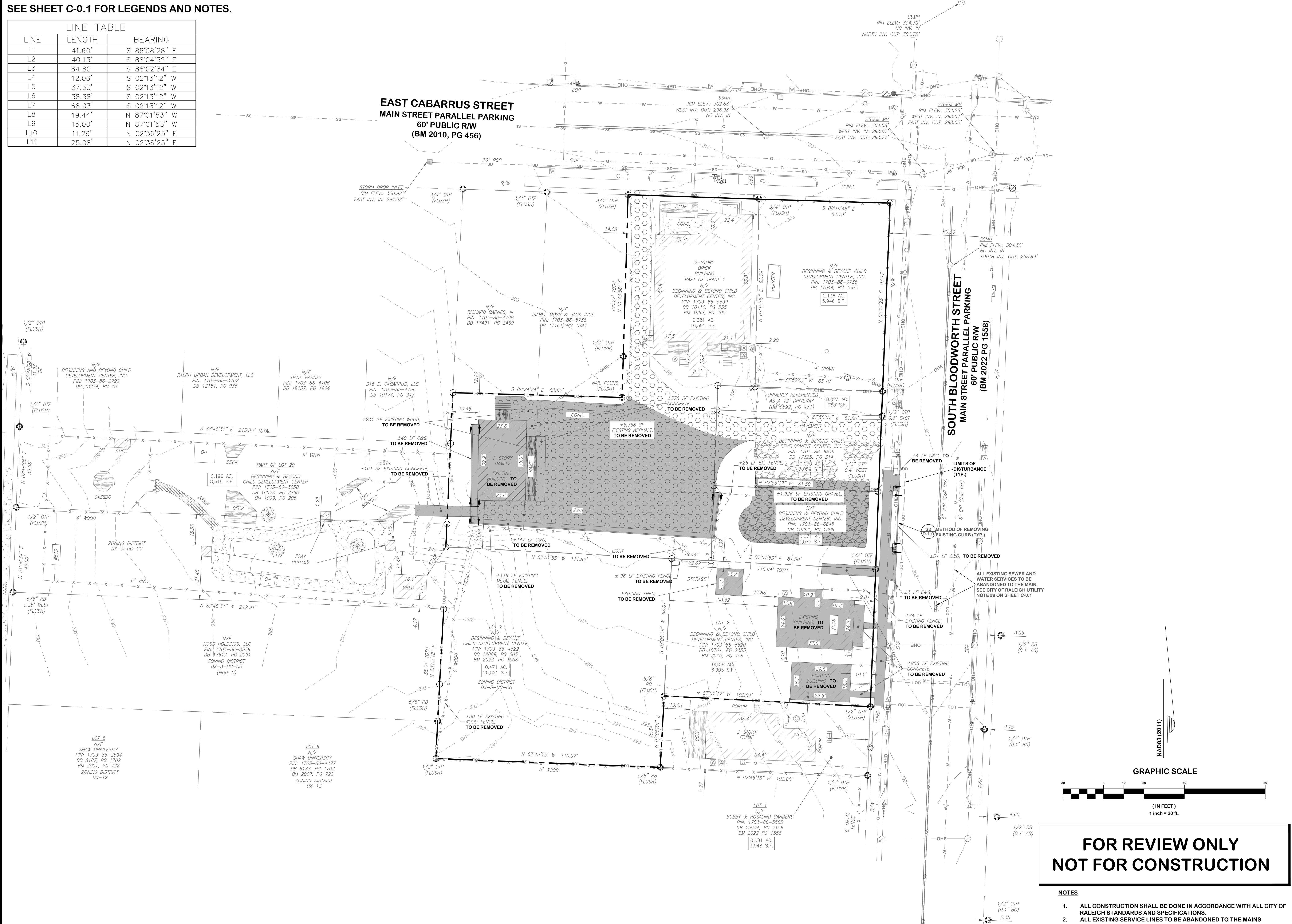
**DRAWING SHEET
 C-0.2**

**PROJECT NUMBER
 660-23**

NOTE(S): ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

SEE SHEET C-0.1 FOR LEGENDS AND NOTES.

LINE TABLE		
LINE	LENGTH	BEARING
L1	41.60'	S 88°08'28" E
L2	40.13'	S 88°04'32" E
L3	64.80'	S 88°02'34" E
L4	12.06'	S 02°13'12" W
L5	37.53'	S 02°13'12" W
L6	38.38'	S 02°13'12" W
L7	68.03'	S 02°13'12" W
L8	19.44'	N 87°01'53" W
L9	15.00'	N 87°01'53" W
L10	11.29'	N 02°36'25" E
L11	25.08'	N 02°36'25" E



**FOR REVIEW ONLY
NOT FOR CONSTRUCTION**

- NOTES
- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.
 - ALL EXISTING SERVICE LINES TO BE ABANDONED TO THE MAINS

PAST DESIGN GROUP, PA
 Engineering & Consulting
 107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
 Phone: 919 946 4399 | Fax: 919 946 0951 | NC LICENSE NUMBER: C-3011

PREPARED FOR:
 BEGINNING & BEYOND CHILD DEVELOPMENT CENTER, INC.
 332 EAST CABARRUS STREET
 RALEIGH, NORTH CAROLINA 27601
 DATE: 5.15.2023
 PROJECT ENGINEER:
 PJP
 PROJECT CADD DESIGNER:
 MWP
 PROJECT SURVEYOR:
 GRANARY ZONE, INC.

516 S. BLOODWORTH STREET
 RALEIGH, WAKE COUNTY, NORTH CAROLINA
TIER 3 - ADMINISTRATIVE SITE REVIEW
EXISTING CONDITIONS AND DEMOLITION PLAN

NO.	REVISION	DATE

DRAWING SHEET
C-1.0
 PROJECT NUMBER
660-23

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SEE SHEET C-0.1 FOR LEGENDS AND NOTES.

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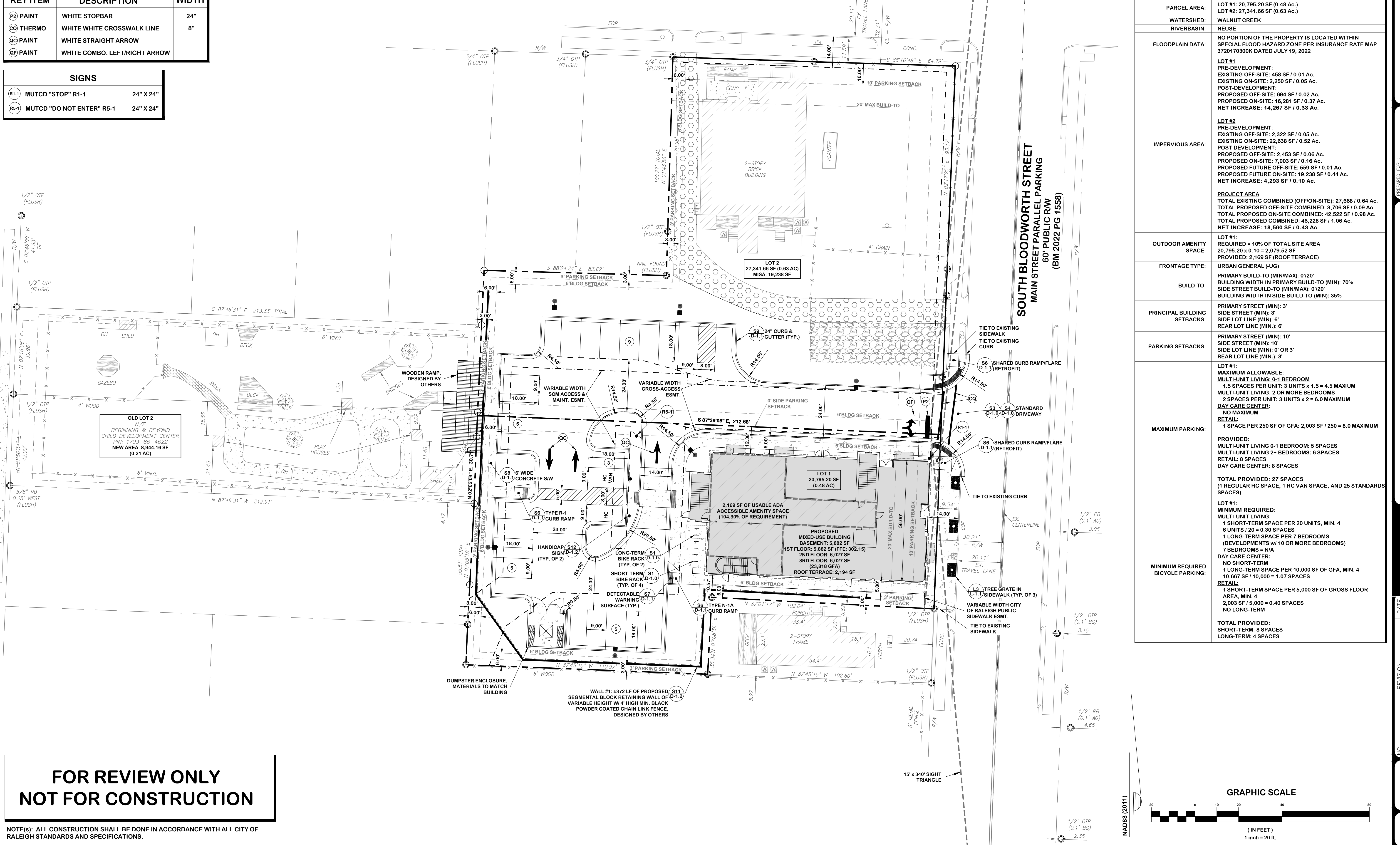
Check overlays and HOG-G historic district zoning. Route HP if necessary.

-Planning Notes

KEY ITEM	DESCRIPTION	WIDTH
Ⓟ	PAINT WHITE STOPBAR	24"
Ⓞ	THERMO WHITE WHITE CROSSWALK LINE	8"
Ⓞ	PAINT WHITE STRAIGHT ARROW	
Ⓞ	PAINT WHITE COMBO. LEFT/RIGHT ARROW	

SIGNS		
Ⓜ-1	MUTCD "STOP" R1-1	24" X 24"
Ⓜ-5	MUTCD "DO NOT ENTER" R5-1	24" X 24"

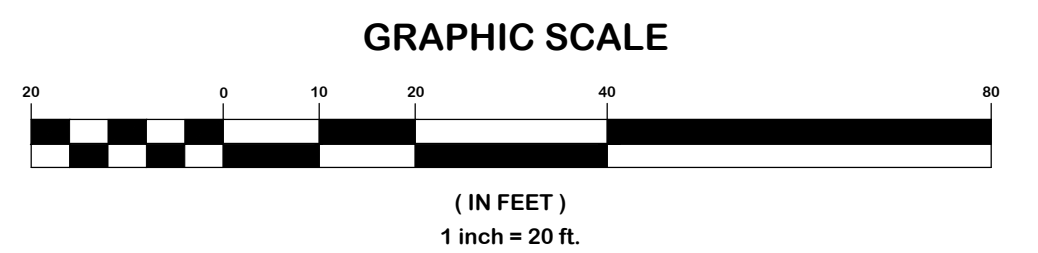
**EAST CABARRUS STREET
MAIN STREET PARALLEL PARKING
60' PUBLIC R/W
(BM 2010, PG 456)**



SITE DATA TABLE	
SITE ADDRESS:	LOT #1: 516 SOUTH BLOODWORTH STREET, RALEIGH, NC 27604 & 513 SOUTH PERSON STREET, RALEIGH, NC 27601 LOT #2: 502, 512, 514 BLOODWORTH STREET, RALEIGH, NC 27604 & 322 EAST CABARRUS STREET, RALEIGH, NC 27601
OWNER:	BEGINNING AND BEYOND DEVELOPMENT CENTER INC. 322 E CABARRUS STREET RALEIGH, NORTH CAROLINA 27601
PI(N)S:	LOT #1: 1703-86-6620, 1703-86-4622 LOT #2: 1703-86-6645, 1703-86-6649, 1703-86-6736, 1703-86-5639
EXISTING ZONING:	DX-3-UG-CU
EXISTING LAND USE:	LOT #1: SINGLE-FAMILY RESIDENTIAL & VACANT USES LOT #2: DAY CARE CENTER & VACANT USES
PROPOSED LAND USE:	LOT #1: MULTI-UNIT LIVING, DAY CARE CENTER, & RETAIL USES LOT #2: RESERVED FOR FUTURE DEVELOPMENT (VACANT)
BUILDING TYPE:	LOT #1: MIXED USE LOT #2: NO BUILDING PROPOSED
PARCEL AREA:	LOT #1: 20,795.20 SF (0.48 AC.) LOT #2: 27,341.66 SF (0.63 AC.)
WATERSHED:	WALNUT CREEK
RIVERBASIN:	NEUSE
FLOODPLAIN DATA:	NO PORTION OF THE PROPERTY IS LOCATED WITHIN SPECIAL FLOOD HAZARD ZONE PER INSURANCE RATE MAP 3720170300K DATED JULY 19, 2022
IMPERVIOUS AREA:	LOT #1 PRE-DEVELOPMENT: EXISTING OFF-SITE: 458 SF / 0.01 AC. EXISTING ON-SITE: 2,250 SF / 0.05 AC. POST-DEVELOPMENT: PROPOSED OFF-SITE: 694 SF / 0.02 AC. PROPOSED ON-SITE: 16,281 SF / 0.37 AC. NET INCREASE: 14,267 SF / 0.33 AC. LOT #2 PRE-DEVELOPMENT: EXISTING OFF-SITE: 2,322 SF / 0.05 AC. EXISTING ON-SITE: 22,638 SF / 0.52 AC. POST-DEVELOPMENT: PROPOSED OFF-SITE: 2,453 SF / 0.06 AC. PROPOSED ON-SITE: 7,003 SF / 0.16 AC. PROPOSED FUTURE OFF-SITE: 559 SF / 0.01 AC. PROPOSED FUTURE ON-SITE: 19,238 SF / 0.44 AC. NET INCREASE: 4,293 SF / 0.10 AC.
PROJECT AREA	TOTAL EXISTING COMBINED (OFF-ON-SITE): 27,668 / 0.64 AC. TOTAL PROPOSED OFF-SITE COMBINED: 3,706 SF / 0.09 AC. TOTAL PROPOSED ON-SITE COMBINED: 42,522 SF / 0.98 AC. TOTAL PROPOSED COMBINED: 46,228 SF / 1.06 AC. NET INCREASE: 18,560 SF / 0.43 AC.
OUTDOOR AMENITY SPACE:	LOT #1: REQUIRED = 10% OF TOTAL SITE AREA 20,795.20 x 0.10 = 2,079.52 SF PROVIDED: 2,169 SF (ROOF TERRACE)
FRONTAGE TYPE:	URBAN GENERAL (UG)
BUILD-TO:	PRIMARY BUILD-TO (MIN/MAX): 0'/20' BUILDING WIDTH IN PRIMARY BUILD-TO (MIN): 70% SIDE STREET BUILD-TO (MIN/MAX): 0'/20' BUILDING WIDTH IN SIDE BUILD-TO (MIN): 35%
PRINCIPAL BUILDING SETBACKS:	PRIMARY STREET (MIN): 3' SIDE STREET (MIN): 3' SIDE LOT LINE (MIN): 6' REAR LOT LINE (MIN): 6'
PARKING SETBACKS:	PRIMARY STREET (MIN): 10' SIDE STREET (MIN): 10' SIDE LOT LINE (MIN): 0' OR 3' REAR LOT LINE (MIN): 3'
MAXIMUM PARKING:	LOT #1: MAXIMUM ALLOWABLE: MULTI-UNIT LIVING: 0-1 BEDROOM 1.5 SPACES PER UNIT; 3 UNITS x 1.5 = 4.5 MAXIMUM MULTI-UNIT LIVING: 2 OR MORE BEDROOMS 2 SPACES PER UNIT; 3 UNITS x 2 = 6.0 MAXIMUM DAY CARE CENTER: NO MAXIMUM RETAIL: 1 SPACE PER 250 SF OF GFA; 2,003 SF / 250 = 8.0 MAXIMUM PROVIDED: MULTI-UNIT LIVING 0-1 BEDROOM: 5 SPACES MULTI-UNIT LIVING 2+ BEDROOMS: 6 SPACES RETAIL: 8 SPACES DAY CARE CENTER: 8 SPACES TOTAL PROVIDED: 27 SPACES (1 REGULAR HC SPACE, 1 HC VAN SPACE, AND 25 STANDARDS SPACES)
MINIMUM REQUIRED BICYCLE PARKING:	LOT #1: MINIMUM REQUIRED: MULTI-UNIT LIVING: 1 SHORT-TERM SPACE PER 20 UNITS, MIN. 4 6 UNITS / 20 = 0.30 SPACES 1 LONG-TERM SPACE PER 7 BEDROOMS (DEVELOPMENTS w/ 10 OR MORE BEDROOMS) 7 BEDROOMS = N/A DAY CARE CENTER: NO SHORT-TERM 1 LONG-TERM SPACE PER 10,000 SF OF GFA, MIN. 4 10,667 SF / 10,000 = 1.07 SPACES RETAIL: 1 SHORT-TERM SPACE PER 5,000 SF OF GROSS FLOOR AREA, MIN. 4 2,003 SF / 5,000 = 0.40 SPACES NO LONG-TERM TOTAL PROVIDED: 8 SPACES SHORT-TERM: 8 SPACES LONG-TERM: 4 SPACES

**FOR REVIEW ONLY
NOT FOR CONSTRUCTION**

NOTE(S): ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.



PAST DESIGN GROUP, PA
Engineering & Consulting
107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
Phone: 919 846 4399 | Fax: 919 946 9351 | NC LICENSE NUMBER: C-3311

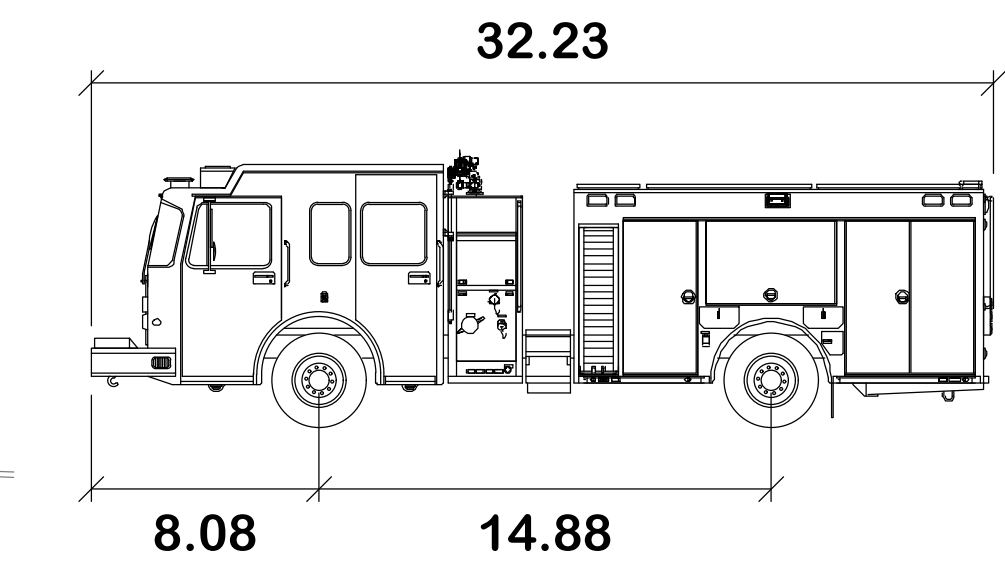
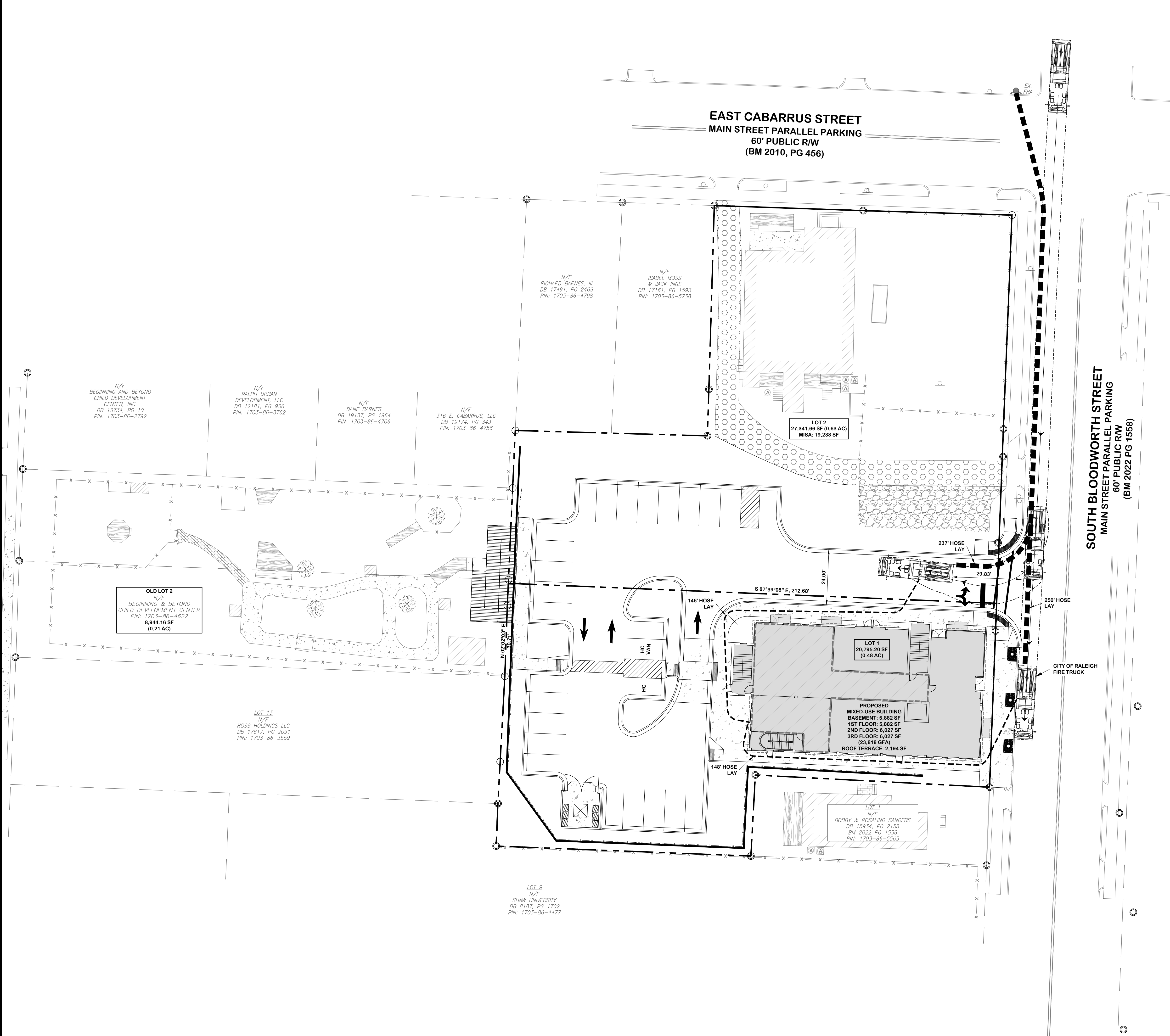
PREPARED FOR:
BEGINNING & BEYOND DEVELOPMENT CENTER, INC.
322 EAST CABARRUS STREET
RALEIGH, NORTH CAROLINA 27601
DATE: 5.15.2023
PROJECT ENGINEER:
PROJECT CADD DESIGNER:
PROJECT SURVEYOR:
BOUNDARY ZONE, INC.

516 S. BLOODWORTH STREET
RALEIGH, WAKE COUNTY, NORTH CAROLINA
TIER 3 - ADMINISTRATIVE SITE REVIEW
SITE LAYOUT PLAN

NO.	DATE	REVISION

DRAWING SHEET
C-2.0
PROJECT NUMBER
660-23

SEE SHEET C-0.1 FOR LEGENDS AND NOTES.



AFAR Pumper Pierce Velocity

	feet
Width	: 8.00
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 45.0

PAST DESIGN GROUP, PA
Engineering | Consulting
107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
Phone: 919 946 4399 | Fax: 919 946 4395 | NC LICENSE NUMBER: C-3311

PREPARED FOR:	BEGINNING & BEYOND CHILD DEVELOPMENT CENTER, INC.
PROJECT:	337 EAST CABARRUS STREET RALEIGH, NORTH CAROLINA 27601
DATE:	5.15.2023
PROJECT ENGINEER:	PPP
PROJECT CADD DESIGNER:	MMP
PROJECT SURVEYOR:	STANBURY ZONE, INC.

516 S. BLOODWORTH STREET
RALEIGH, WAKE COUNTY, NORTH CAROLINA

TIER 3 - ADMINISTRATIVE SITE REVIEW
FIRE APPARATUS ACCESS PLAN

NO.	REVISION	DATE

DRAWING SHEET
C-2.1

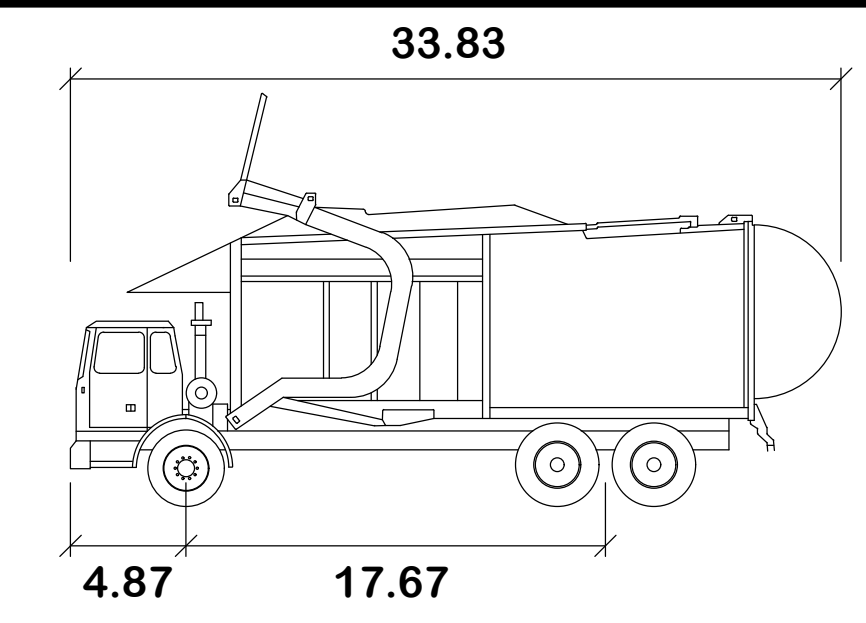
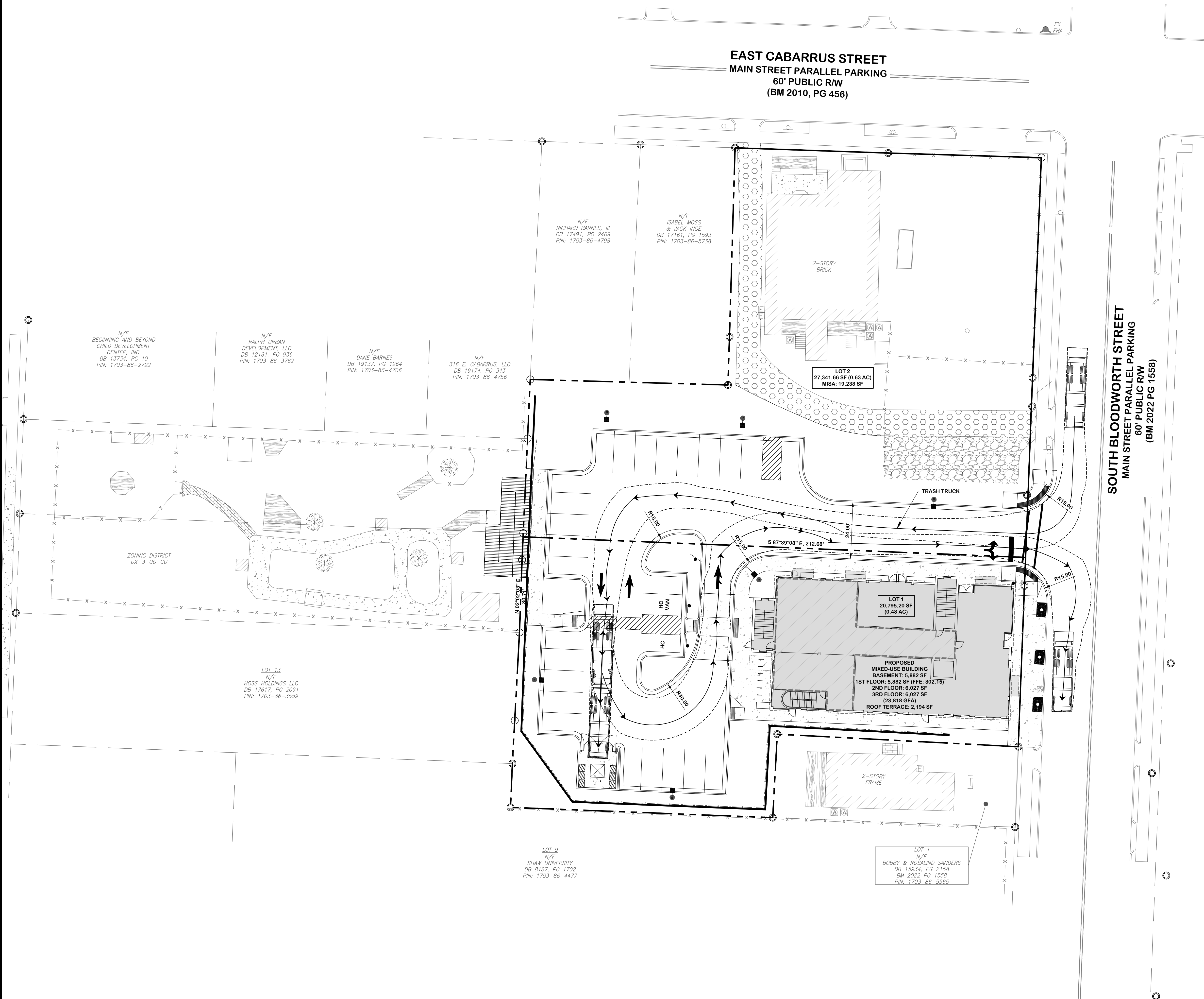
PROJECT NUMBER
660-23

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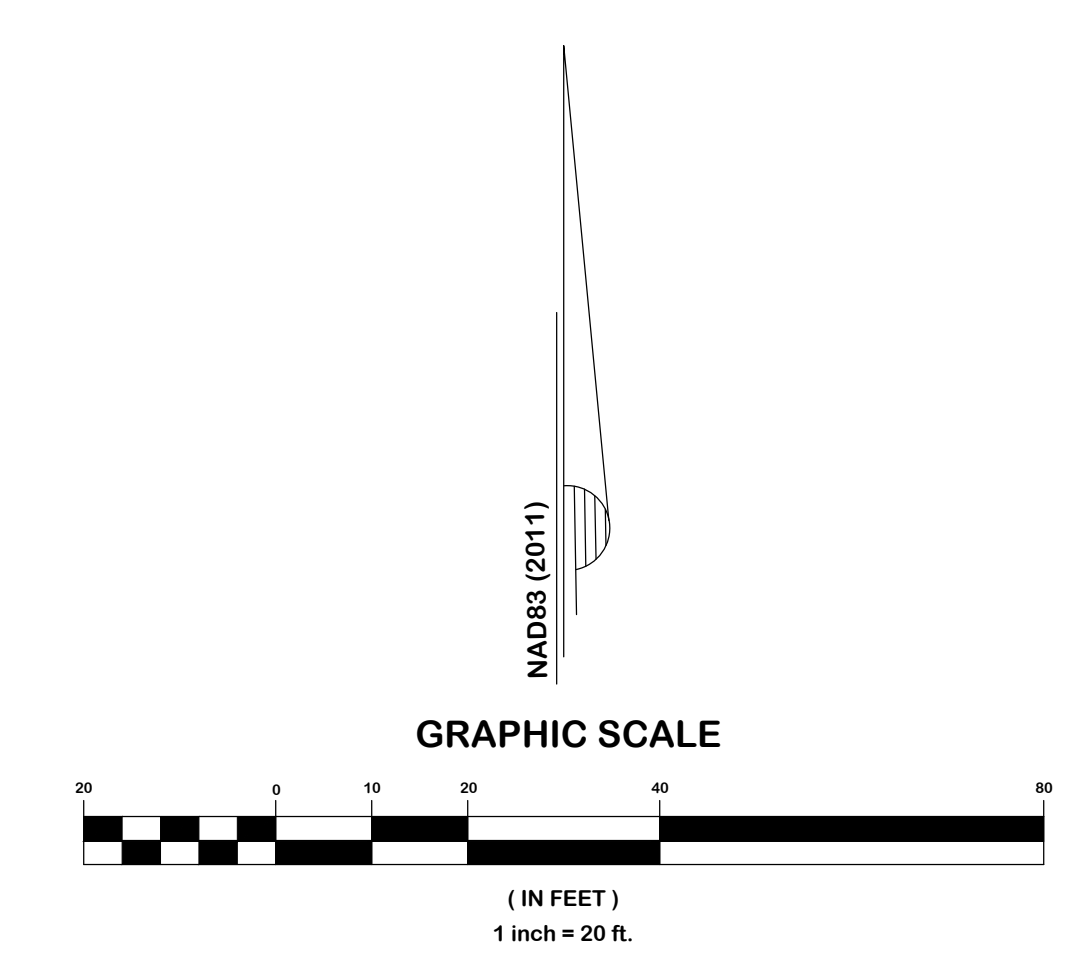
SEE SHEET C-0.1 FOR LEGENDS AND NOTES.



Wayne Titan

feet

Width : 8.46
 Track : 8.00
 Lock to Lock Time : 6.0
 Steering Angle : 45.0



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 Engineering | Consulting
 107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
 Phone: 919 846 4399 | Fax: 919 846 4395 | NC LICENSE NUMBER: C-3311

PREPARED FOR:	BEYOND & BEYOND DEVELOPMENT CENTER, INC.
PROJECT:	337 EAST CABARRUS STREET RALEIGH, NORTH CAROLINA 27601
DATE:	5.15.2023
PROJECT ENGINEER:	PPP
PROJECT CADD DESIGNER:	MMP
PROJECT SURVEYOR:	CSURVEY, INC.

516 S. BLOODWORTH STREET
 RALEIGH, WAKE COUNTY, NORTH CAROLINA

**TIER 3 - ADMINISTRATIVE SITE REVIEW
 TRASH TRUCK ACCESS PLAN**

NO.	REVISION	DATE

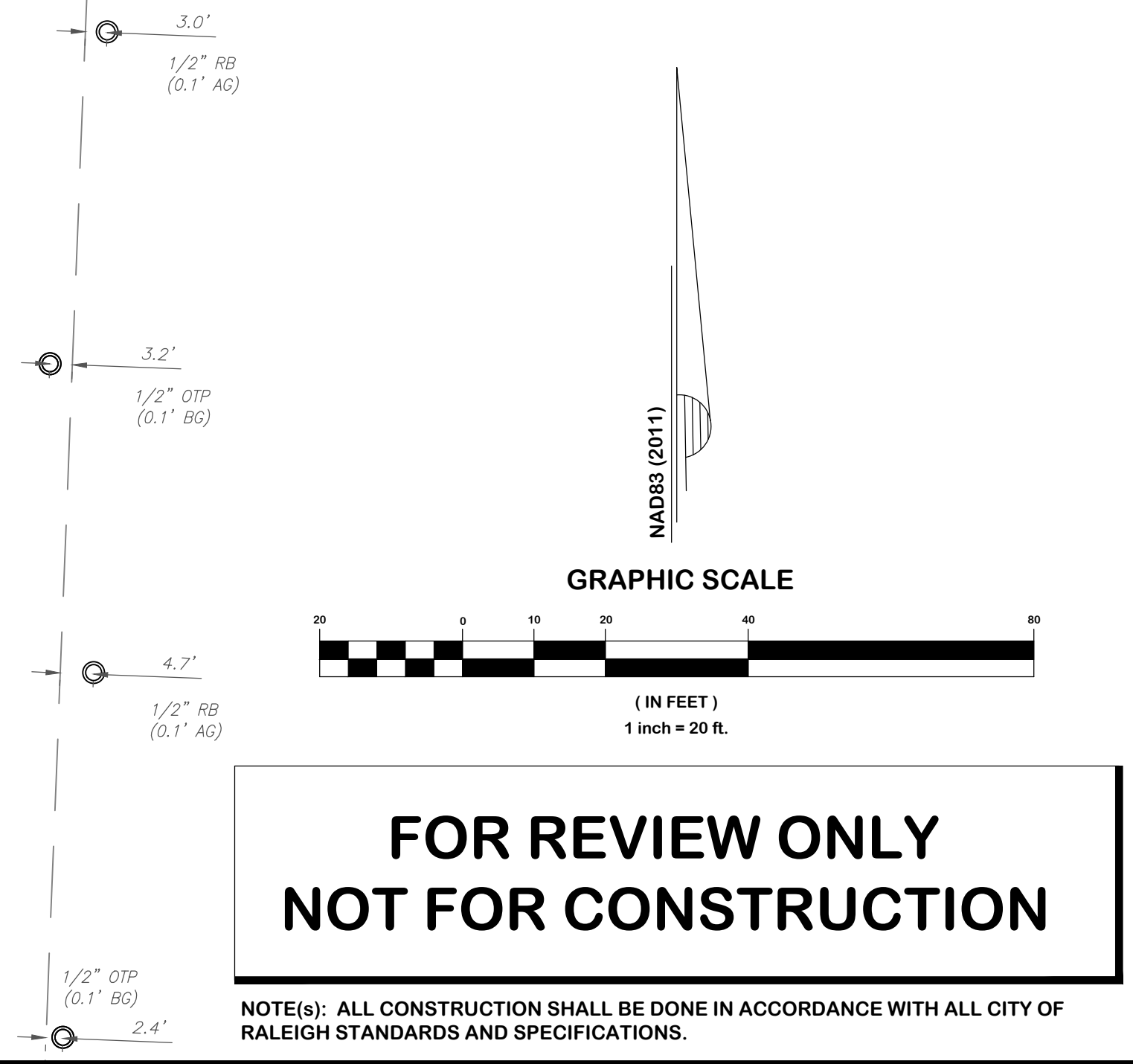
DRAWING SHEET
C-2.2
 PROJECT NUMBER
660-23

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EAST CABARRUS STREET
MAIN STREET PARALLEL PARKING
60' PUBLIC R/W
(BM 2010, PG 456)



SOUTH BLOODWORTH STREET
MAIN STREET PARALLEL PARKING
60' PUBLIC R/W
(BM 2022 PG 1558)



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Engineering | Consulting
107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
Phone: 919 848 4399 | Fax: 919 948 9395 | NC LICENSE NUMBER: C-3311

PREPARED FOR:	BEGINNING & BEYOND DEVELOPMENT CENTER, INC. 337 EAST CABARRUS STREET RALEIGH, NORTH CAROLINA 27601
DATE:	5.15.2023
PROJECT ENGINEER:	PPP
PROJECT CADD DESIGNER:	MMP
PROJECT SURVEYOR:	CSURVEY ZONE, INC.

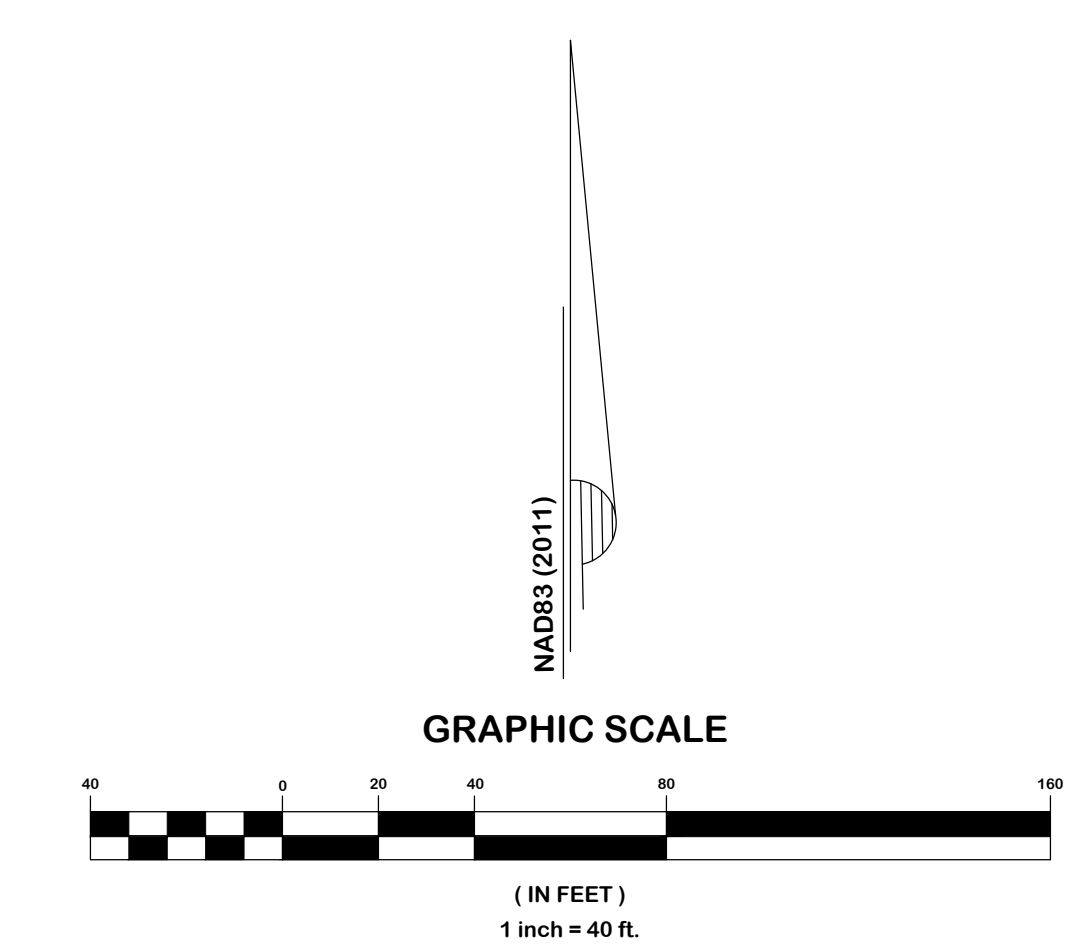
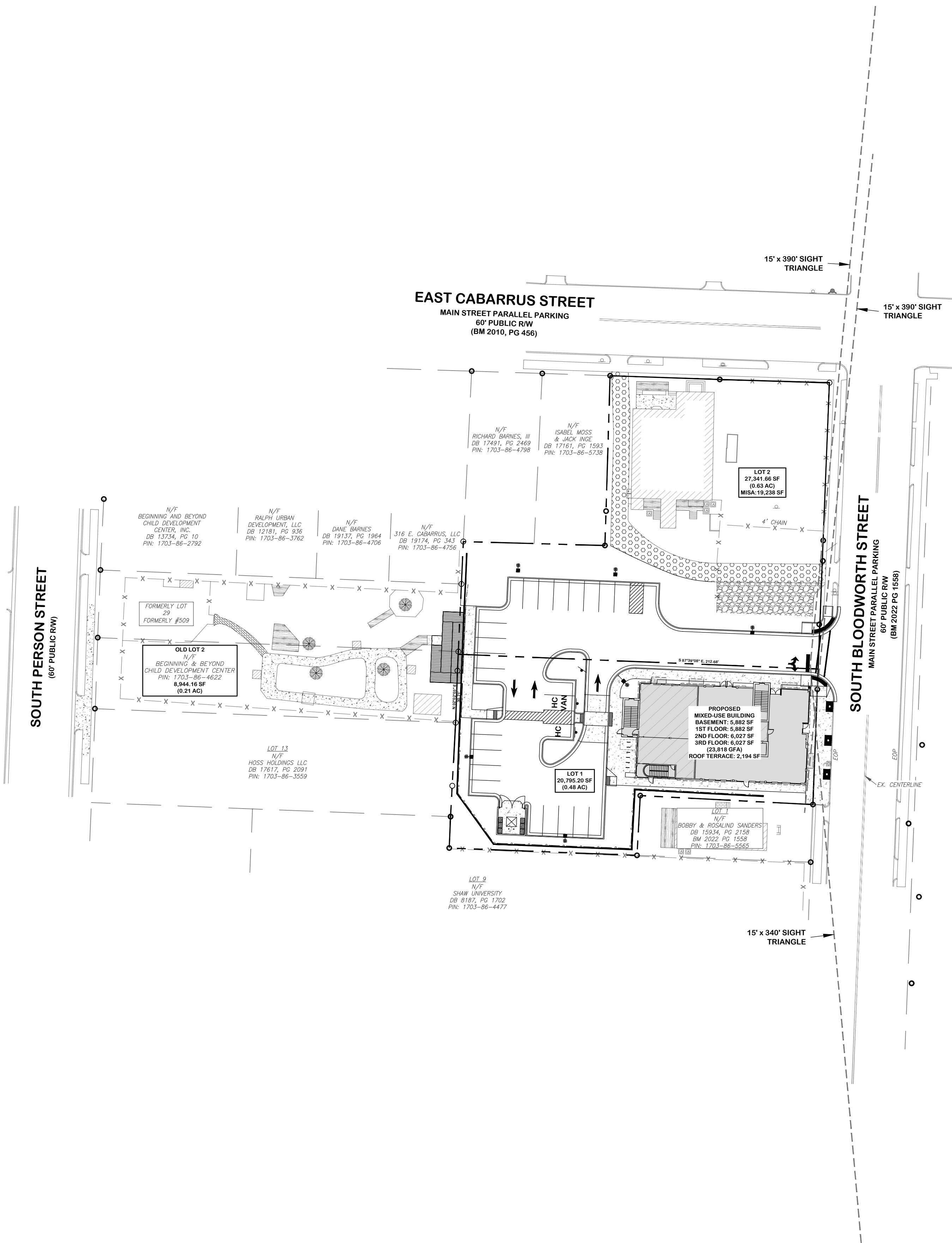
516 S. BLOODWORTH STREET
RALEIGH, WAKE COUNTY, NORTH CAROLINA
TIER 3 - ADMINISTRATIVE SITE REVIEW
EASEMENT PLAN

NO.	REVISION	DATE

DRAWING SHEET **C-2.3**
PROJECT NUMBER **660-23**

SEE SHEET C-0.1 FOR LEGENDS AND NOTES.

LINE TABLE		
LINE	LENGTH	BEARING
L1	41.60'	S 88°08'28" E
L2	40.13'	S 88°04'32" E
L3	64.80'	S 88°02'34" E
L4	12.06'	S 02°13'12" W
L5	37.53'	S 02°13'12" W
L6	38.38'	S 02°13'12" W
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PAST DESIGN GROUP, PA
Engineering | Consulting
 107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
 Phone: 919 848 4399 | Fax: 919 948 4395 | NC LICENSE NUMBER: C-3311

PREPARED FOR:
 BEGINNING & BEYOND DEVELOPMENT CENTER, INC.
 337 EAST CABARRUS STREET
 RALEIGH, NORTH CAROLINA 27601
 DATE: 5.15.2023
 PROJECT ENGINEER:
 PUP
 PROJECT CADD DESIGNER:
 WMP
 PROJECT SURVEYOR:
 STANBURY ZONE, INC.

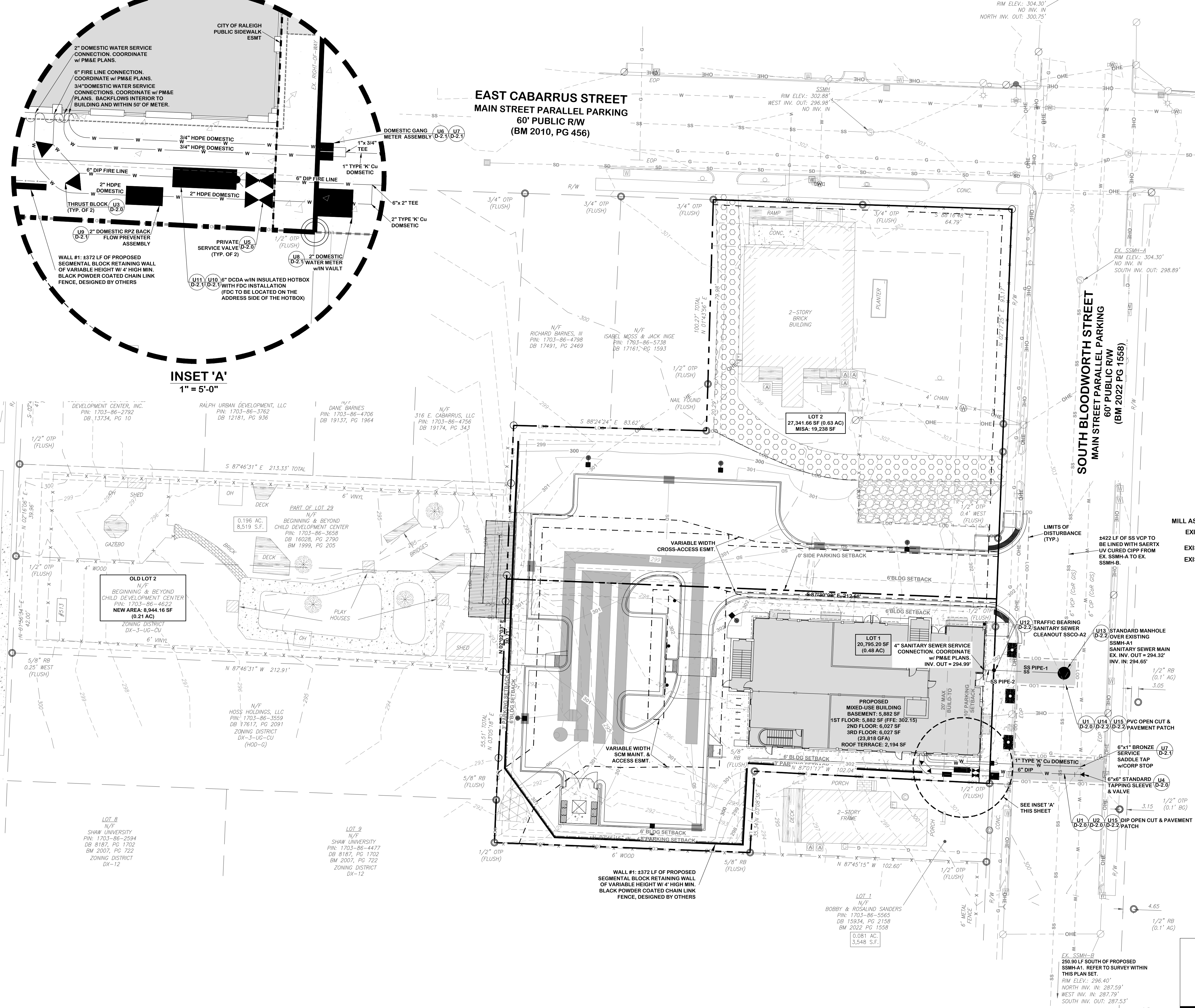
516 S. BLOODWORTH STREET
 RALEIGH, WAKE COUNTY, NORTH CAROLINA
TIER 3 - ADMINISTRATIVE SITE REVIEW
SIGHT DISTANCE TRIANGLE PLAN

NO.	REVISION	DATE

DRAWING SHEET
C-2.4

PROJECT NUMBER
660-23

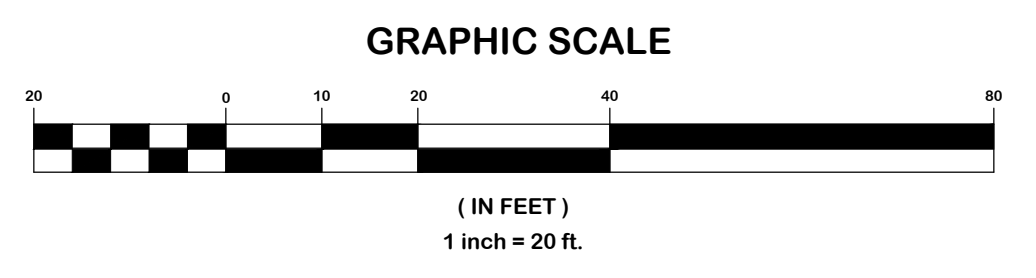
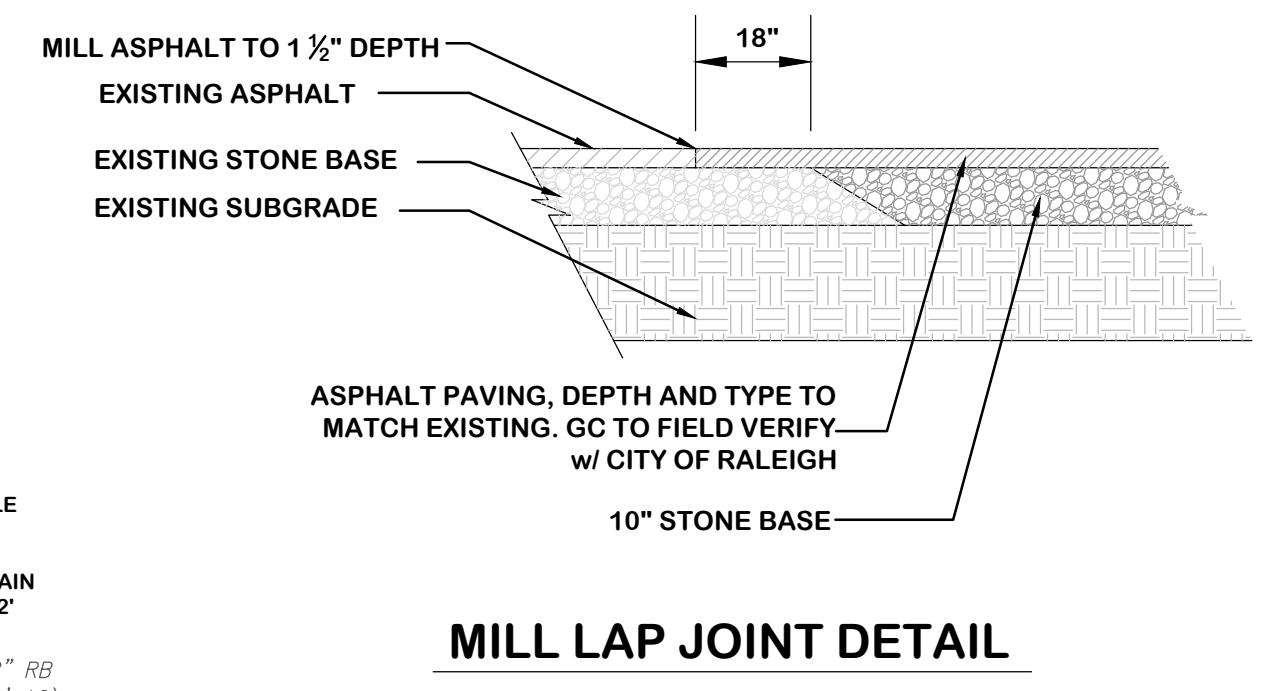
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SANITARY SEWER PIPE TABLE			
NAME	SIZE/MATERIAL	LENGTH	Slope
SS PIPE-1	4" PVC (SCH 40)	30.39'	1.00%
SS PIPE-2	4" PVC (SCH 40)	4.48'	1.00%

SANITARY SEWER STRUCTURE TABLE		
NAME	RIM	INVERT
SSCO-A2	301.91'	294.95'
SSMH-A1	302.05'	294.32'

INSET 'A'
1" = 5'-0"



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Engineering & Consulting
107 Fayetteville Street, Suite 300, Raleigh, North Carolina 27601
Phone: 919 846 4399 | Fax: 919 846 4395 | NC LICENSE NUMBER: C-3311

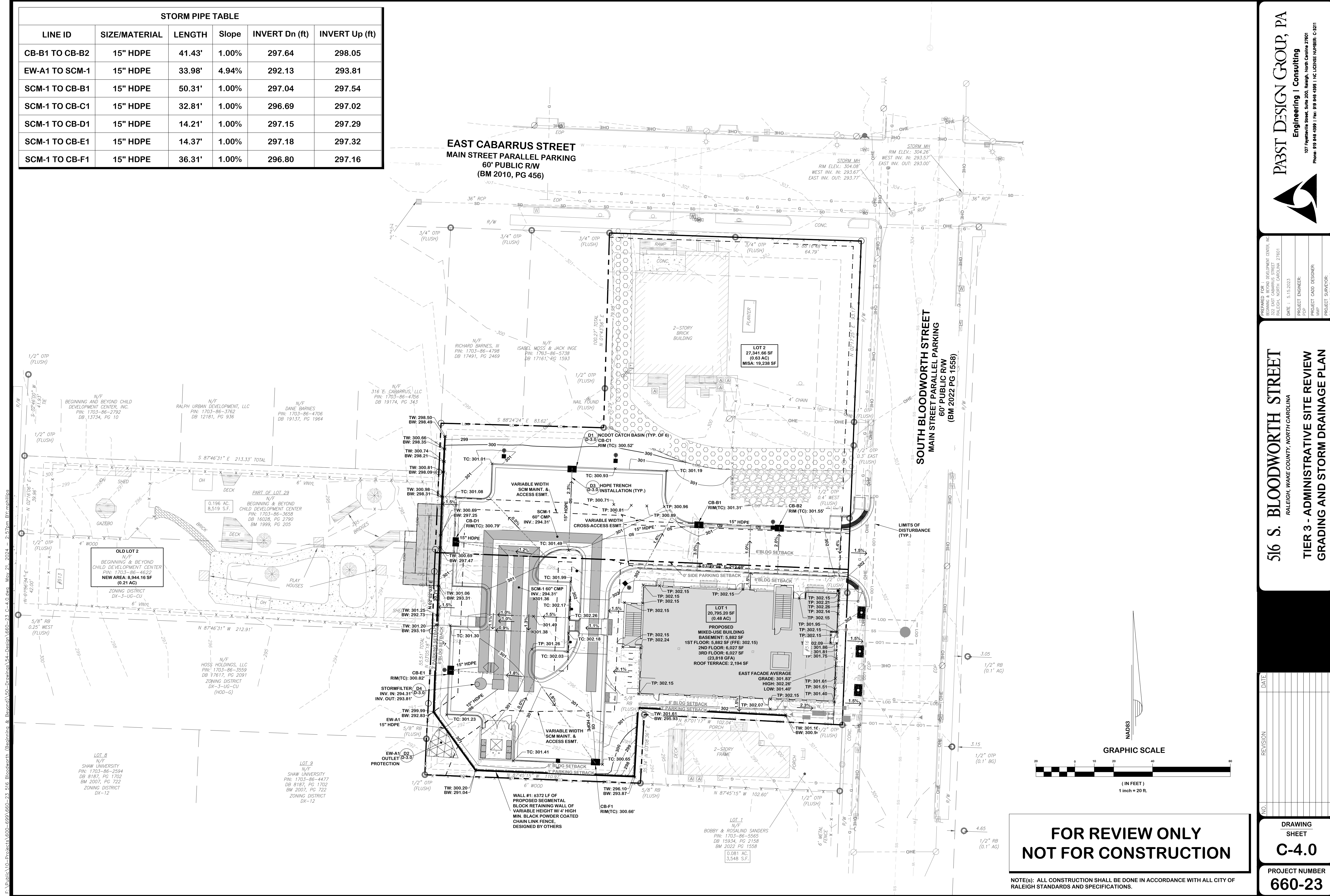
PREPARED FOR: BEGINNING & BEYOND DEVELOPMENT CENTER, INC.
332 EAST CABARRUS STREET
RALEIGH, NORTH CAROLINA 27601
DATE: 5.15.2023
PROJECT ENGINEER: PJP
PROJECT CADD DESIGNER: MWP
PROJECT SURVEYOR: GZM
BOUNDARY ZONE: INC.

516 S. BLOODWORTH STREET
RALEIGH, WAKE COUNTY, NORTH CAROLINA
TIER 3 - ADMINISTRATIVE SITE REVIEW
UTILITY PLAN

NO.	REVISION	DATE

DRAWING SHEET
C-3.0
PROJECT NUMBER
660-23

STORM PIPE TABLE					
LINE ID	SIZE/MATERIAL	LENGTH	Slope	INVERT Dn (ft)	INVERT Up (ft)
CB-B1 TO CB-B2	15" HDPE	41.43'	1.00%	297.64	298.05
EW-A1 TO SCM-1	15" HDPE	33.98'	4.94%	292.13	293.81
SCM-1 TO CB-B1	15" HDPE	50.31'	1.00%	297.04	297.54
SCM-1 TO CB-C1	15" HDPE	32.81'	1.00%	296.69	297.02
SCM-1 TO CB-D1	15" HDPE	14.21'	1.00%	297.15	297.29
SCM-1 TO CB-E1	15" HDPE	14.37'	1.00%	297.18	297.32
SCM-1 TO CB-F1	15" HDPE	36.31'	1.00%	296.80	297.16



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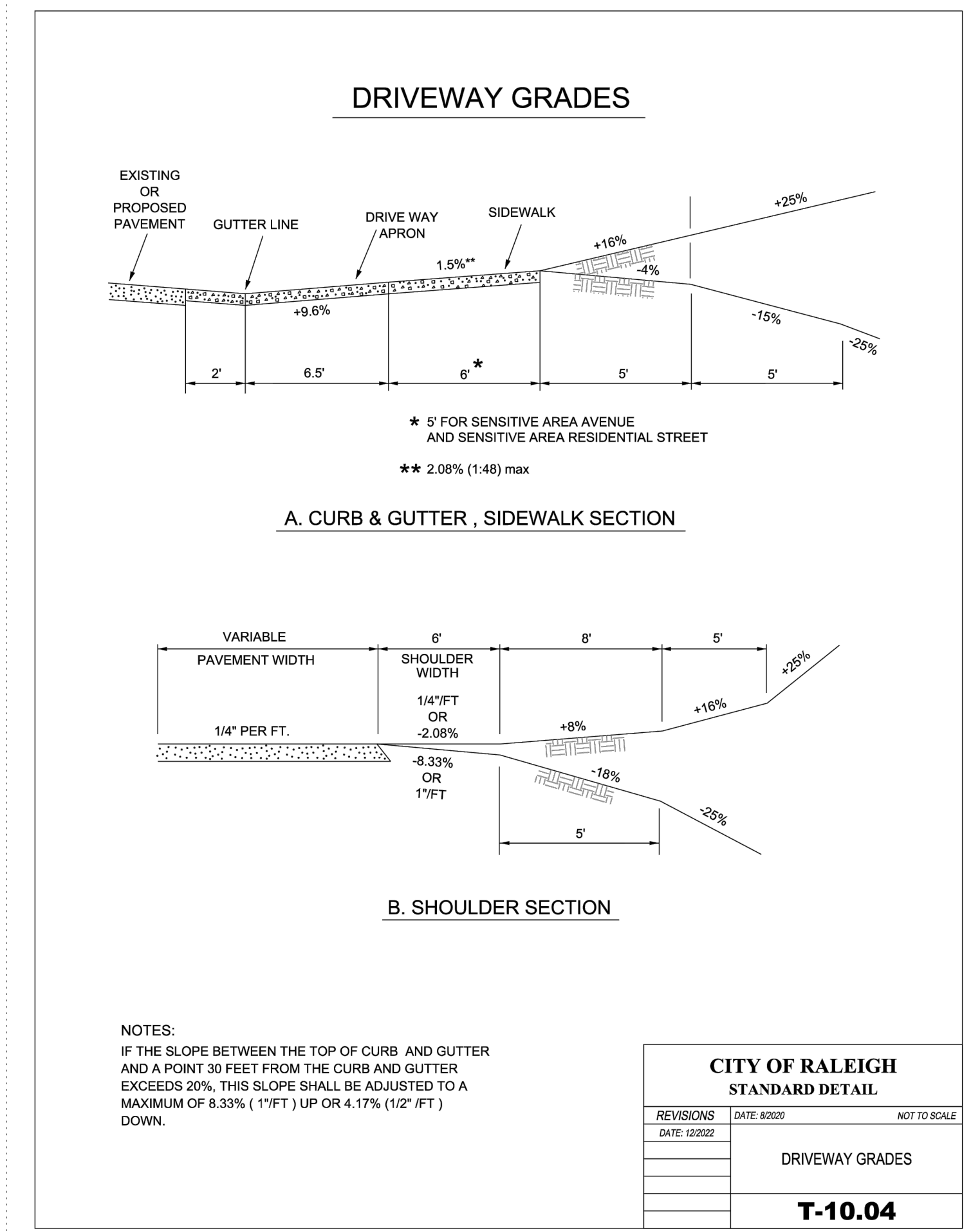
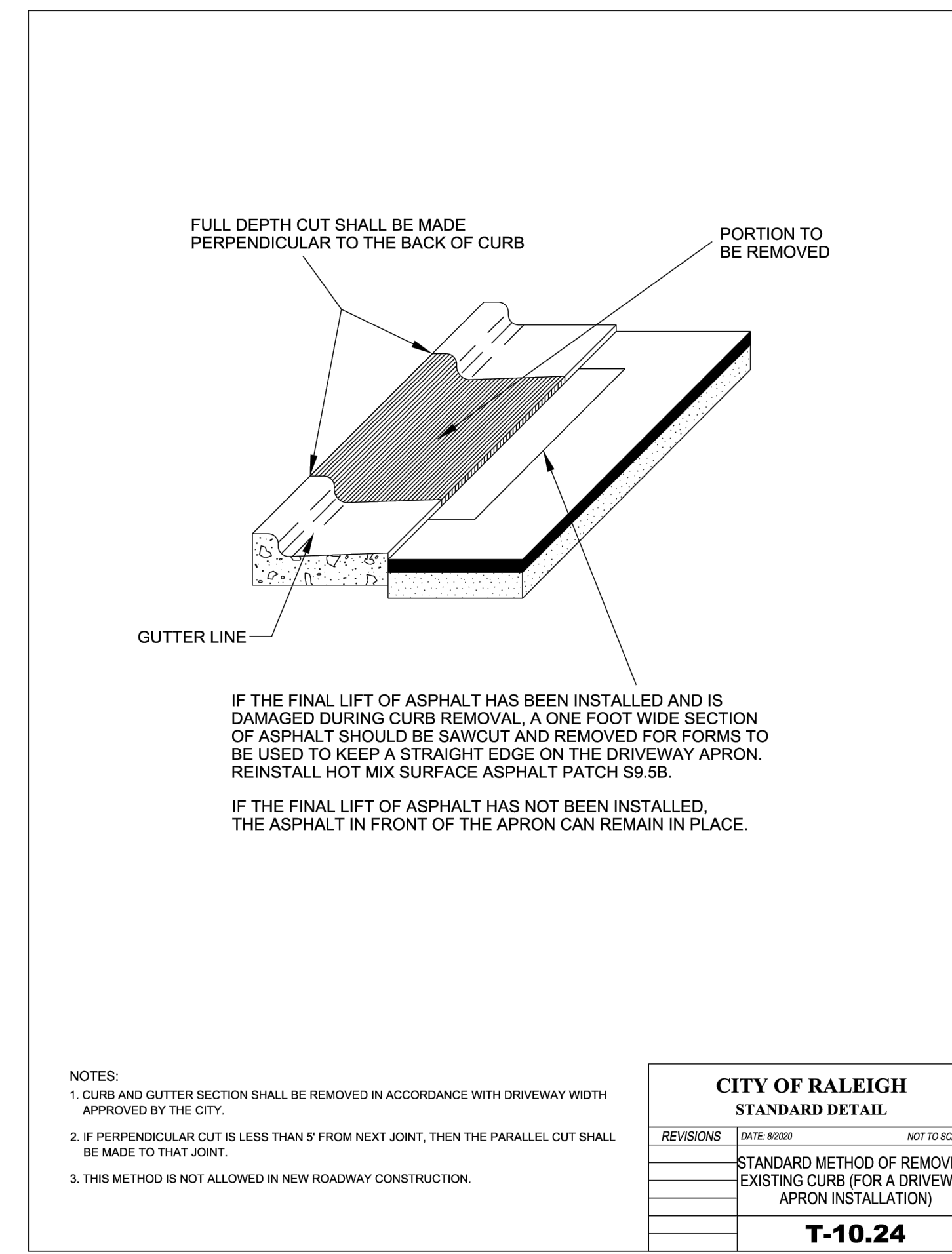
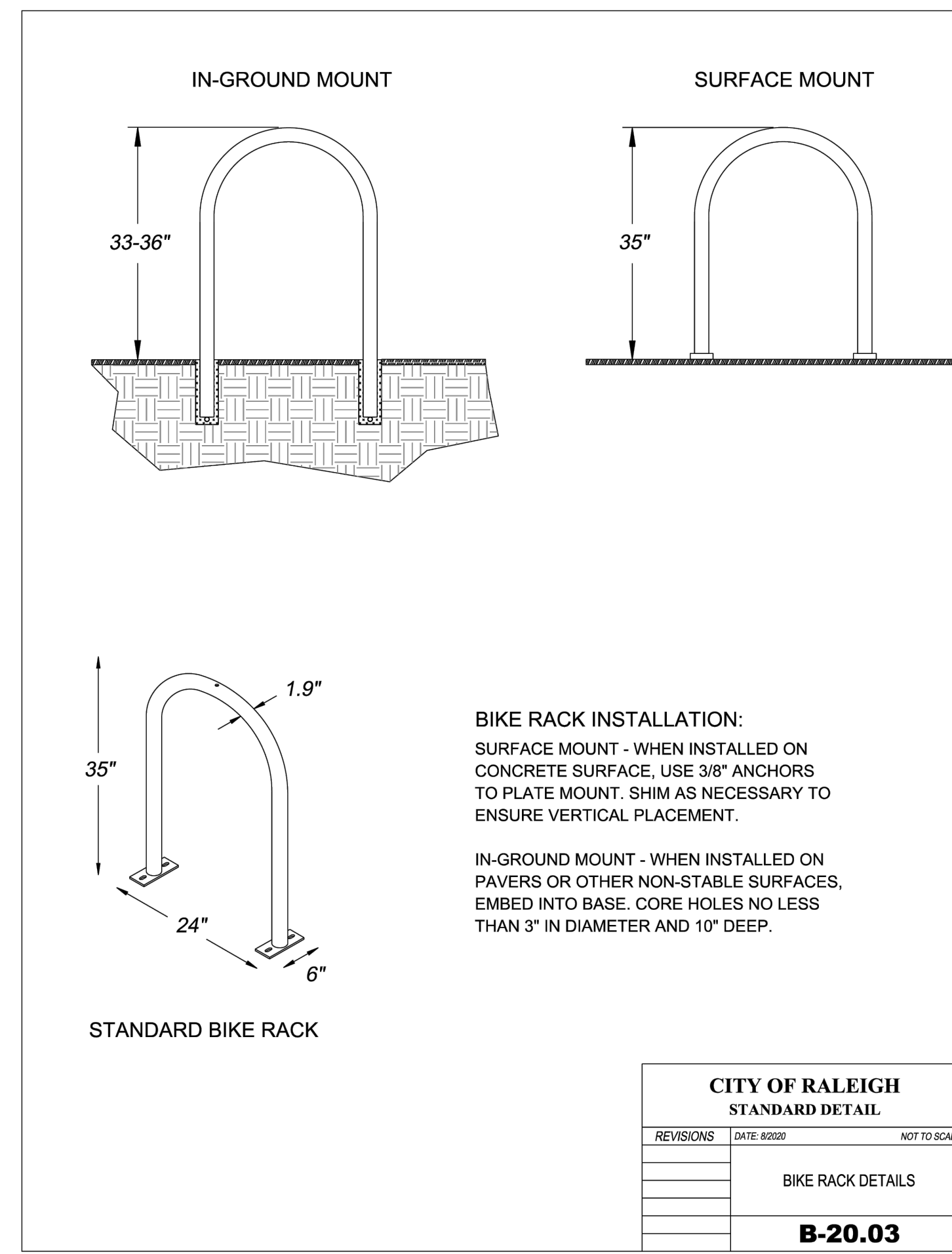
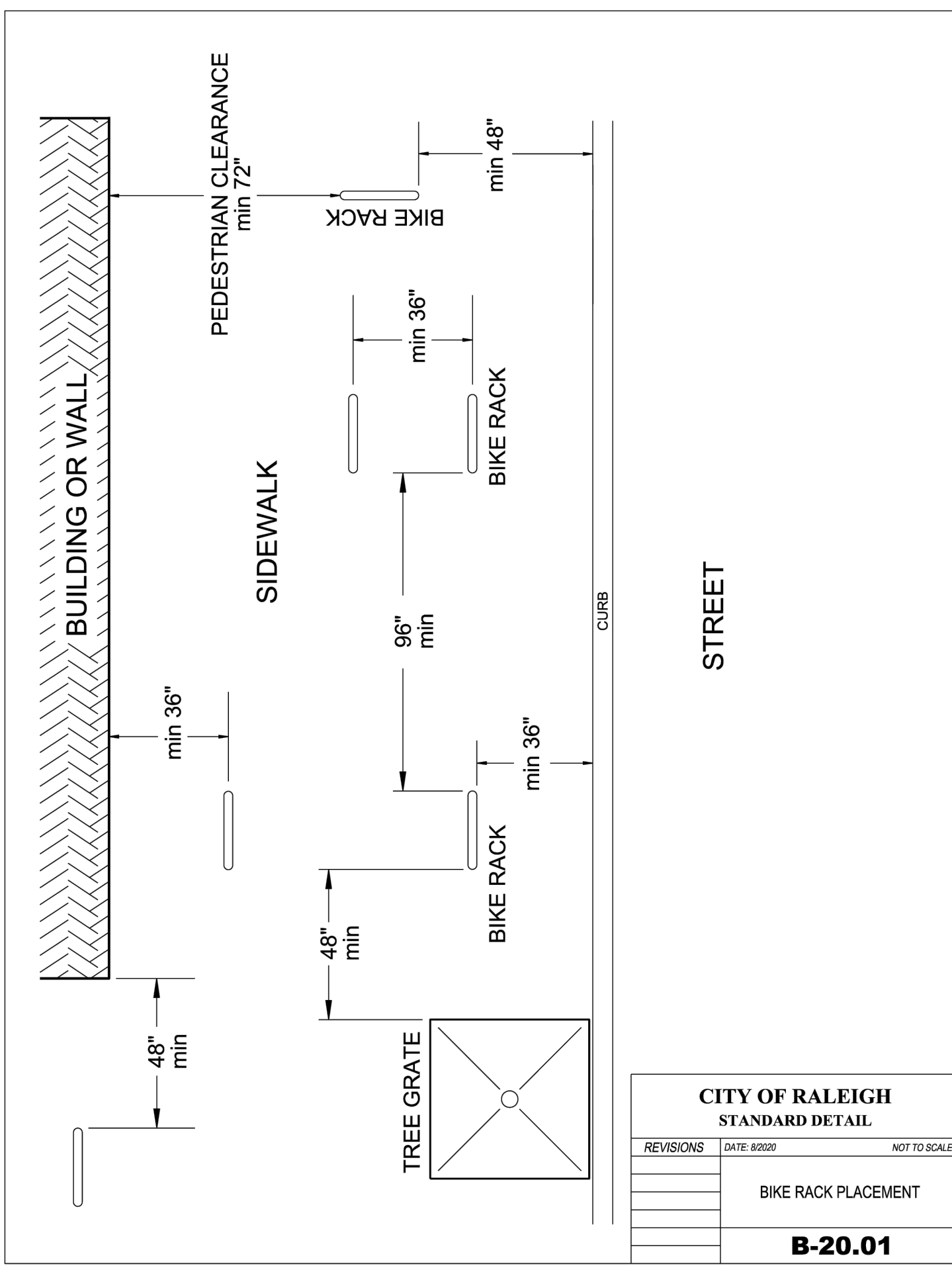
PAST DESIGN GROUP, PA
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 Phone: 919 946 4399 | Fax: 919 946 4395 | NC LICENSE NUMBER: C-3311

PREPARED FOR:
 BEGINNING & BEYOND DEVELOPMENT CENTER, INC.
 337 EAST CABARRUS STREET
 RALEIGH, NORTH CAROLINA 27601
 DATE: 5.15.2023
 PROJECT ENGINEER:
 PJP
 PROJECT CADD DESIGNER:
 MWP
 PROJECT SURVEYOR:
 STANLEY ZONE, INC.

516 S. BLOODWORTH STREET
 RALEIGH, WAKE COUNTY, NORTH CAROLINA
**TIER 3 - ADMINISTRATIVE SITE REVIEW
 GRADING AND STORM DRAINAGE PLAN**

NO.	REVISION	DATE

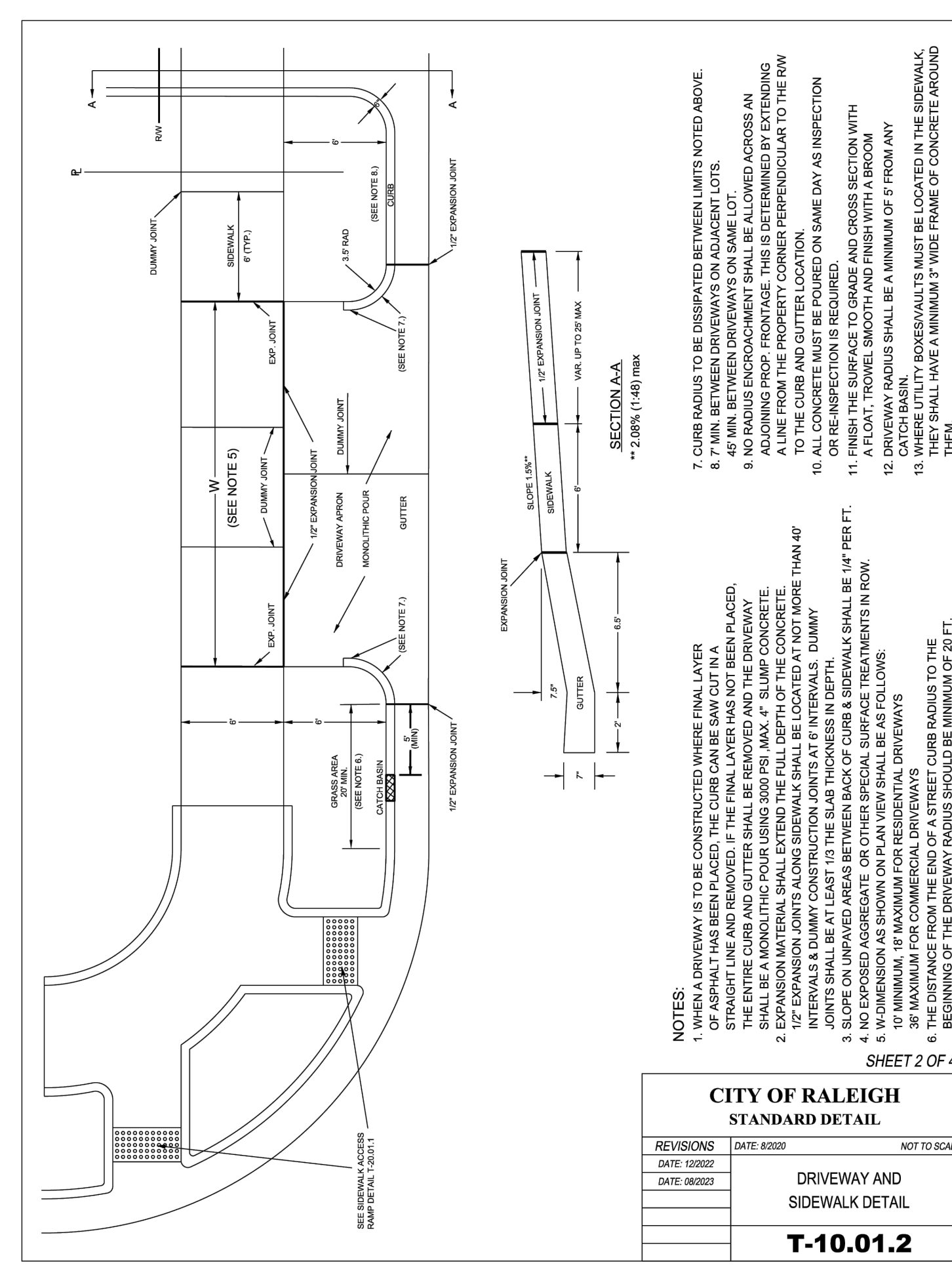
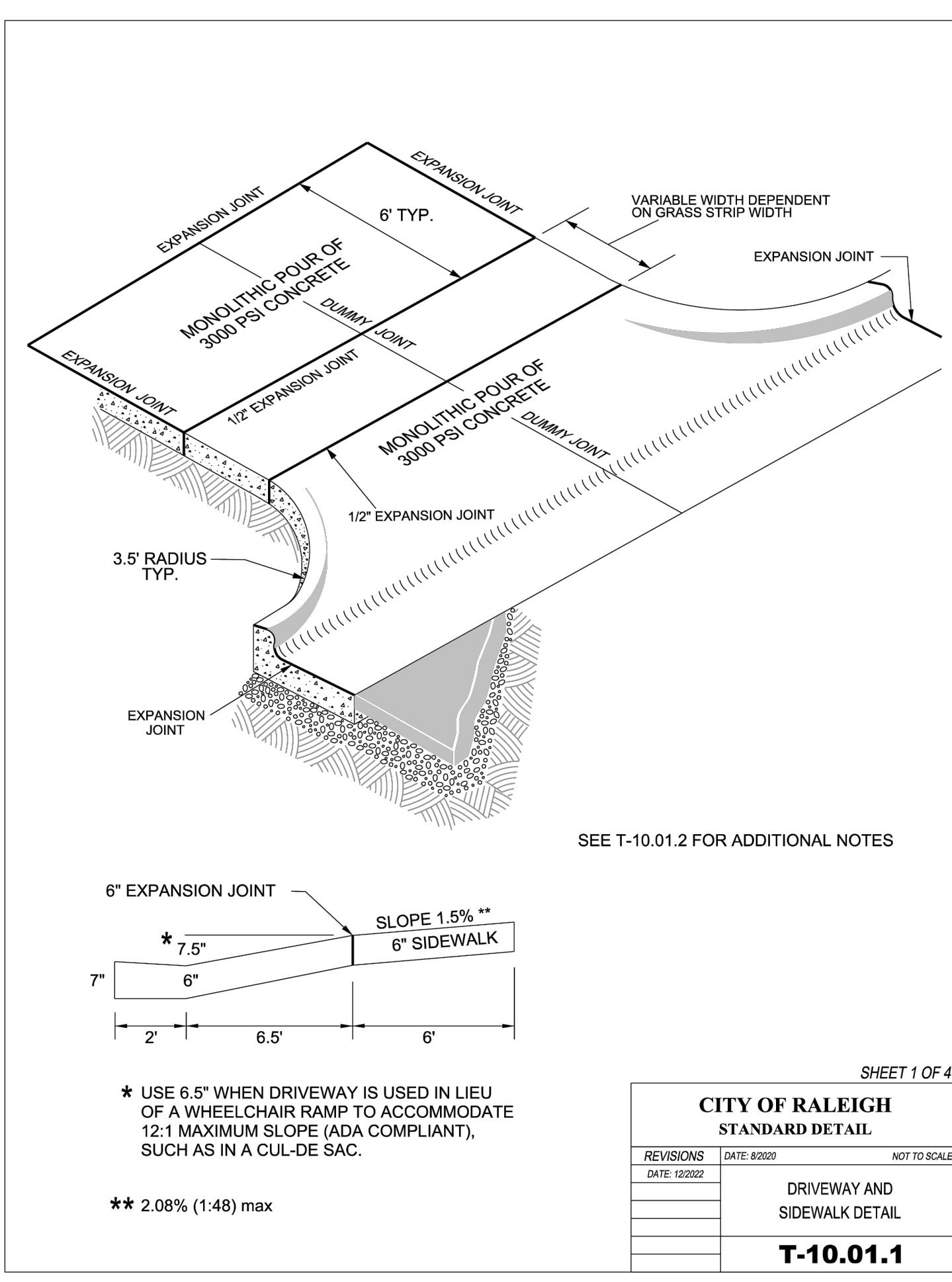
DRAWING SHEET
C-4.0
 PROJECT NUMBER
660-23



**S1 BIKE RACK
DETAIL & PLACEMENT**

**S2 METHOD OF REMOVING
EXISTING CURB**

S3 DRIVEWAY GRADES



**S4 DRIVEWAY AND
SIDEWALK DETAIL**

**FOR REVIEW ONLY
NOT FOR CONSTRUCTION**

NOTE(S): ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

NO.	REVISION	DATE

**DRAWING SHEET
D-1.0**

**PROJECT NUMBER
660-23**

CITY OF RALEIGH
CURB RAMPS
GENERAL NOTES

- CITY OF RALEIGH STANDARD CURB RAMPS HAVE BEEN DEVELOPED IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND PUBLIC RIGHT OF WAY ACCESS GUIDELINES (PROWAG).
- CURB RAMPS SHALL BE PROVIDED AT LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. SIDEWALK ACCESS RAMPS SHALL BE LOCATED AS INDICATED IN THE DETAIL, HOWEVER, THE LOCATION MAY BE ADJUSTED IN COORDINATION WITH THE CITY OF RALEIGH WHERE EXISTING LIGHT POLES, FIRE HYDRANTS, DROP INLETS, ETC. AFFECT PLACEMENT.
- DOUBLE WHEELCHAIR RAMPS ARE TO BE INSTALLED AT ALL PUBLIC STREET INTERSECTIONS WHERE SIDEWALK IS REQUIRED.
- THE WALKING SURFACE SHALL BE SLIP RESISTANT. THE COLOR FOR THE DETECTABLE WARNING AREA SHALL BE YELLOW FOR CONTRAST.
- NO SLOPE ON THE SIDEWALK ACCESS RAMP SHALL EXCEED 1"/FT (12:1) IN RELATIONSHIP TO THE GRADE OF THE STREET.
- IN NO CASE SHALL THE WIDTH OF THE SIDEWALK ACCESS RAMP BE LESS THAN 48" ALL RAMPS SHALL BE INSTALLED THE SAME WIDTH AS THE SIDEWALK.
- USE CLASS A (3000 PSI) CONCRETE WITH A SIDEWALK FINISH IN ORDER TO OBTAIN A ROUGH NONSKID SURFACE.
- A 1/2" EXPANSION JOINT INSTALLED FULL DEPTH WILL BE REQUIRED WHERE THE CONCRETE SIDEWALK ACCESS RAMP JOINS THE CURB AND ALSO WHERE NEW CONCRETE ABUTS EXISTING CONCRETE.
- CURB RAMPS SHOULD BE PLACED PARALLEL TO THE DIRECTION OF TRAVEL.

SHEET 8 OF 9

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE	NOT TO SCALE
	08/2020	
		CURB RAMP NOTES
		T-20.01.8

TYPE R-1

- 7.5%; 8.33% (1:12) MAX RAMP SLOPE
- 1.5%; 2.08% (1:48) MAX CROSS SLOPE
- CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 1.5% (2.08% MAX) WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.
- RAMPS AND DOMES SHALL BE INSTALLED THE SAME WIDTH AS THE SIDEWALK.
- IF LENGTH EXCEEDS 5', TRUNCATED DOMES SHALL BE INSTALLED ALONG THE BACK OF THE CURB COVERING THE FULL WIDTH OF THE RAMP.

TYPE R-2
(USE ONLY WHERE WATER WILL NOT POND WITHIN LANDING)

TYPE R-2A

TYPE R-2B

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE	NOT TO SCALE
	08/2020	
		CURB RAMPS (RETROFIT)
		T-20.01.5

S6 CURB RAMPS

TYPE N-1 (CURB TYPE)

- 7.5%; 8.33% (1:12) MAX RAMP SLOPE
- 1.5%; 2.08% (1:48) MAX CROSS SLOPE
- CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 1.5% (2.08% MAX) WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.
- RAMPS AND DOMES SHALL BE INSTALLED THE SAME WIDTH AS THE SIDEWALK.
- IF LENGTH EXCEEDS 5', TRUNCATED DOMES SHALL BE INSTALLED ALONG THE BACK OF THE CURB COVERING THE FULL WIDTH OF THE RAMP.

TYPE N-1A (FLARE TYPE)

NOTE: USE SMALL FLARES ONLY WHEN A CURB TYPE DIRECTLY CONFLICTS WITH APPROACHING VEHICULAR TURNING MOVEMENTS.

TYPE N-2 (RADIUS)

TYPE N-2 (TEE INTERSECTION)

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE	NOT TO SCALE
	08/2020	
		CURB RAMPS (NEW DEVELOPMENT)
		T-20.01.2

SMALL RADIUS LESS THAN 15'

LARGER RADIUS 15' OR GREATER

ONLY TO BE USED WITH CITY OF RALEIGH APPROVAL.

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE	NOT TO SCALE
	08/2020	
		SHARED CURB RAMP/FLARE (RETROFIT)
		T-20.01.7

TYPE R-1, N-1A & R-1

TYPE R-2

TYPE R-3

TYPE R-4

TYPE R-5

CURB RAMPS AT MEDIAN ISLANDS

CITY OF RALEIGH STANDARD DETAIL

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE	NOT TO SCALE
	08/2020	
		DETECTABLE WARNING SURFACE PLACEMENT
		T-20.04.1

S7 DETECTABLE WARNING SURFACE

RAMP WIDTH AREA VARIABLE 4" MINIMUM

BASE DIAMETER 0.45' R TO 0.70' R

TOP DIAMETER OF NO LESS THAN 50% TO NO MORE THAN 65% OF THE BASE DIAMETER

PRECAST CLASS "B" CONCRETE

DETECTABLE WARNING DOMES CONCRETE PAVER

RAMP SECTION WITH DETECTABLE WARNING PAVERS

CITY OF RALEIGH STANDARD DETAIL

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE	NOT TO SCALE
	08/2020	
		DETECTABLE WARNING SURFACE PAVERS
		T-20.04.2

S8 CONCRETE SIDEWALK

TYPICAL SECTION

TRANSVERSE EXPANSION JOINT

PLAN VIEW

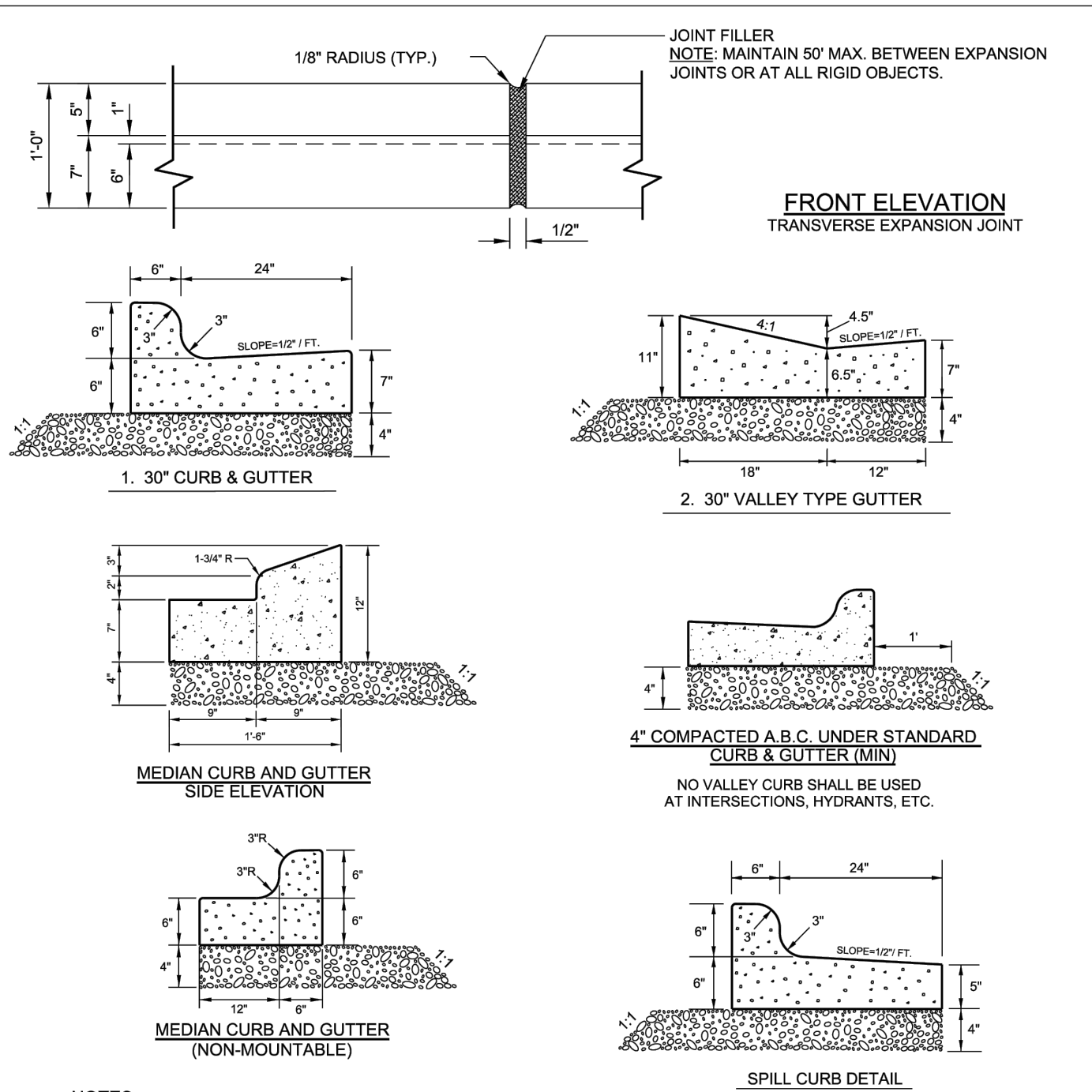
CITY OF RALEIGH STANDARD DETAIL

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE	NOT TO SCALE
	08/2020	
		CONCRETE SIDEWALK
		T-30.01.1

**FOR REVIEW ONLY
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NOTE(S): ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

NO.	REVISION	DATE



NOTES:

- 10' MAXIMUM BETWEEN DUMMY JOINTS.
- 15' MAXIMUM BETWEEN DUMMY JOINTS ON MACHINE HOLES.
- 12" EXPANSION JOINT EVERY 50'.
- 3000 PSI CONCRETE MINIMUM, 4" SLUMP MAXIMUM.
- LIQUID MEMBRANE CURING COMPOUND SHALL MEET THE REQUIREMENTS OF SECTION 1028-2 OF NCDOT STANDARDS & SPECIFICATIONS FOR ROADS AND STRUCTURES.
- ALL CONSTRUCTION JOINTS SHALL BE FILLED WITH JOINT FILLER AND SEALER IN ACCORDANCE WITH NCDOT ROADWAY STANDARD DETAIL 946.01 THE JOINT MATERIAL SHALL CONFORM TO SECTION 1028-2 OF NCDOT STANDARD & SPECIFICATIONS FOR ROADS AND STRUCTURES.
- REFER TO NCDOT DETAIL 946.01 FOR CURB AND GUTTER SUPERELEVATION RATES.

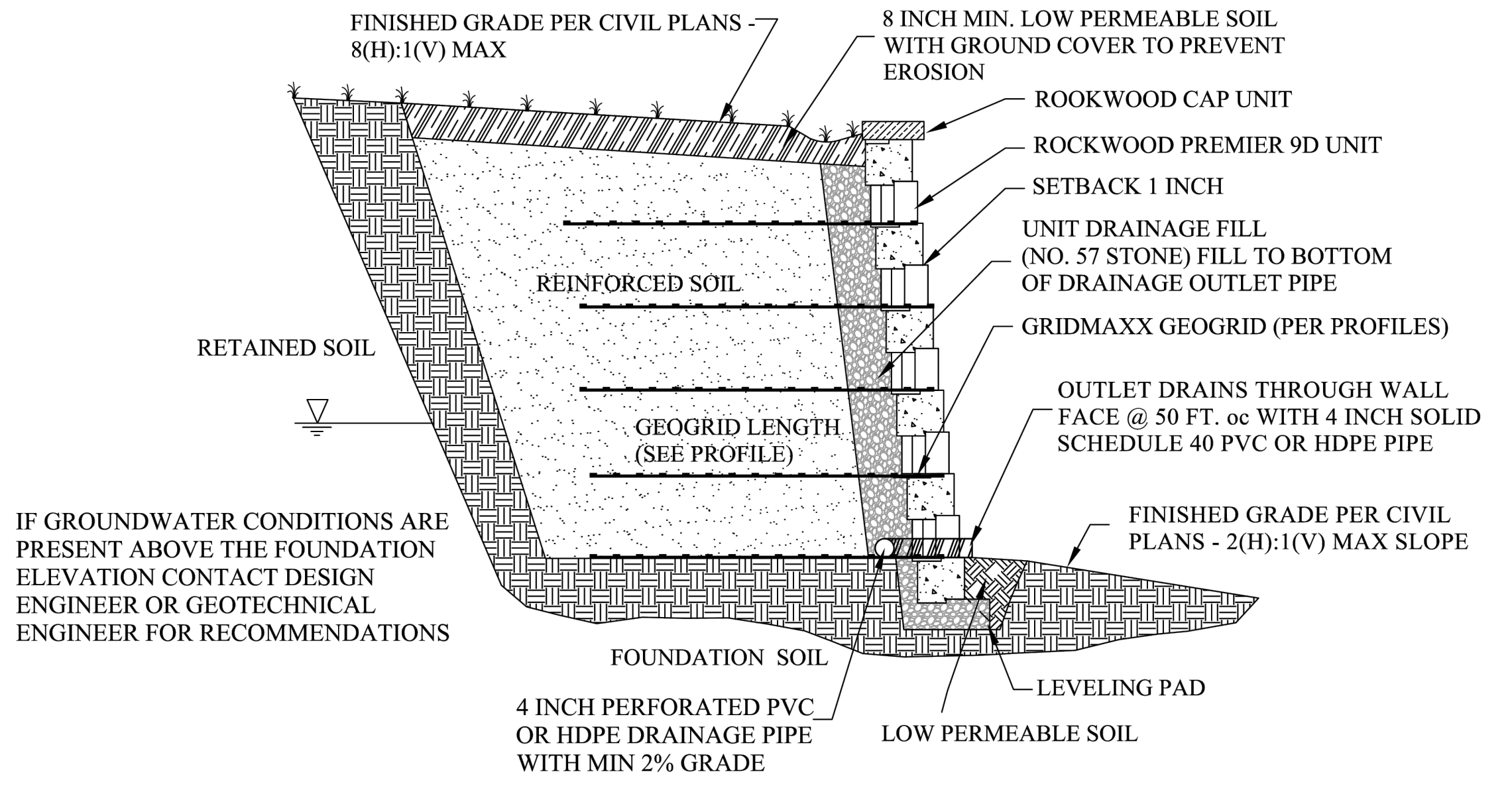
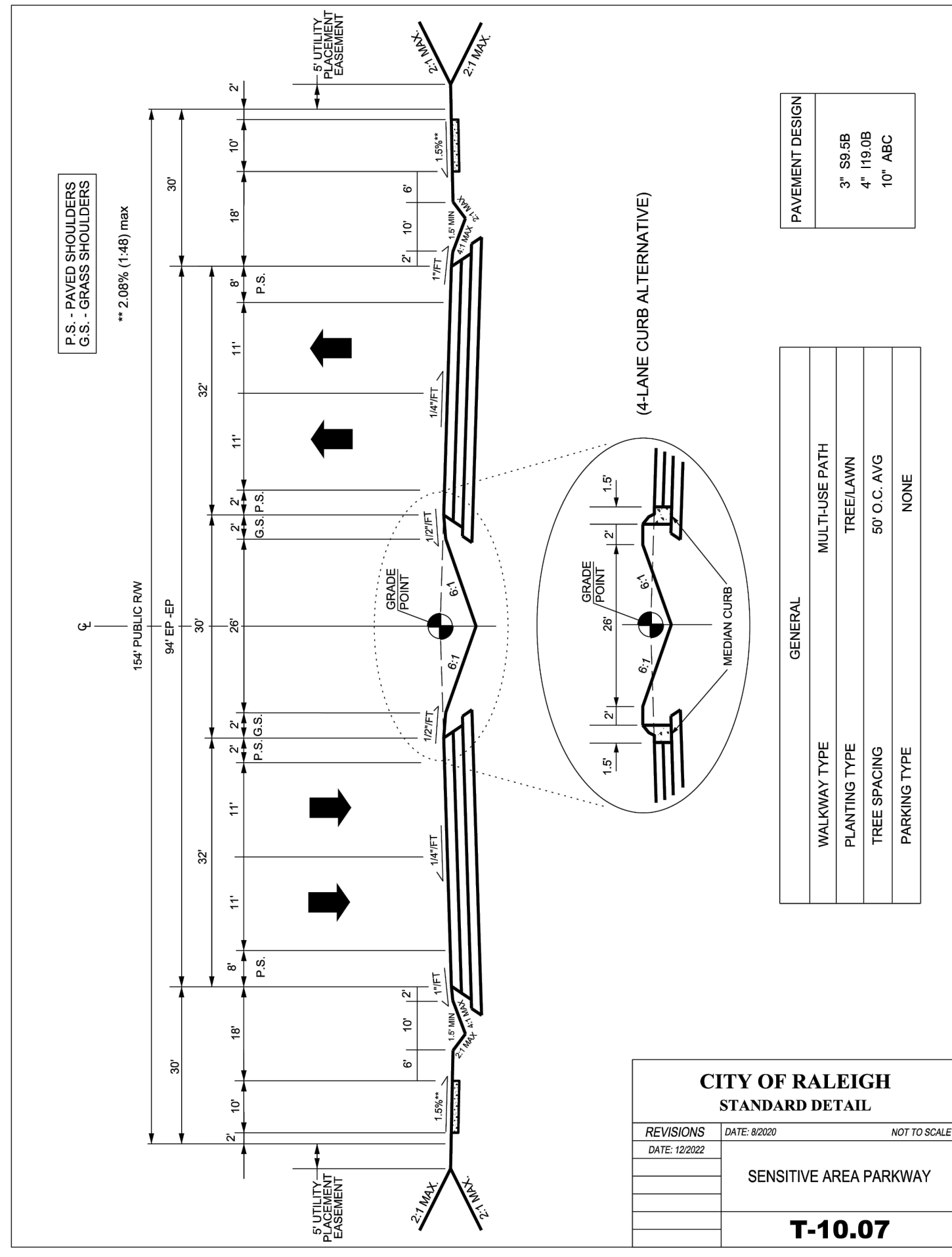
SHEET 1 OF 2

CITY OF RALEIGH STANDARD DETAIL

REVISIONS	DATE: 8/20/03	NOT TO SCALE

CURB AND GUTTER

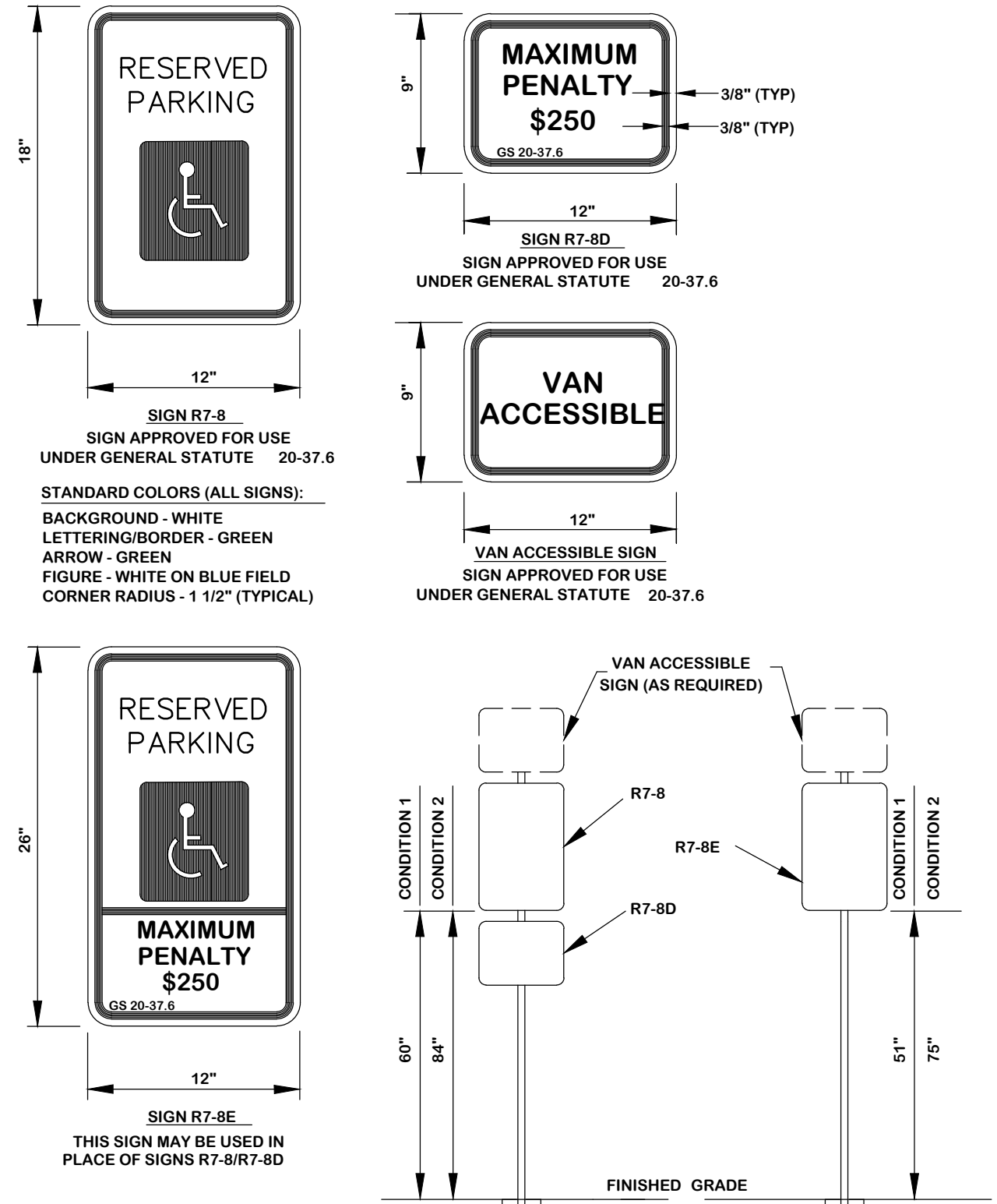
T-10.26.1



S9 CURB AND GUTTER

S10 SENSITIVE AREA PARKWAY

S11 SEGMENTAL BLOCK WALL



GENERAL NOTES:

- REGARDLESS OF AGE, ALL ACCESSIBLE SPACES SHALL BE IDENTIFIED BY ABOVE-GROUND SIGNS ONLY. (SEE N.C.G.S.)
- NEW SPACES SHALL NOT USE GROUND-PAINTED SYMBOLS.
- ACCESSIBLE SPACES ARE REQUIRED TO BE STRIPED OFF ONLY; BLUE COLORING IS NOT NECESSARY NOR REQUIRED.
- STRIPING IS WHITE ON DARK PAVEMENT; BLACK ON LIGHT PAVEMENT. (N.C.D.O.T.)

CONDITION 1: PEDESTRIAN PATH DOES NOT PASS UNDER OR AROUND SIGN.

CONDITION 2: PEDESTRIAN PATH GOES BY UNDER, OR AROUND SIGN.

S12 ADA HANDICAP PARKING SIGN

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PREPARED FOR: BAYVIEW & BOND DEVELOPMENT CENTER, INC.
 332 EAST CABARRUS STREET
 RALEIGH, NORTH CAROLINA 27601

DATE: 5.15.2023

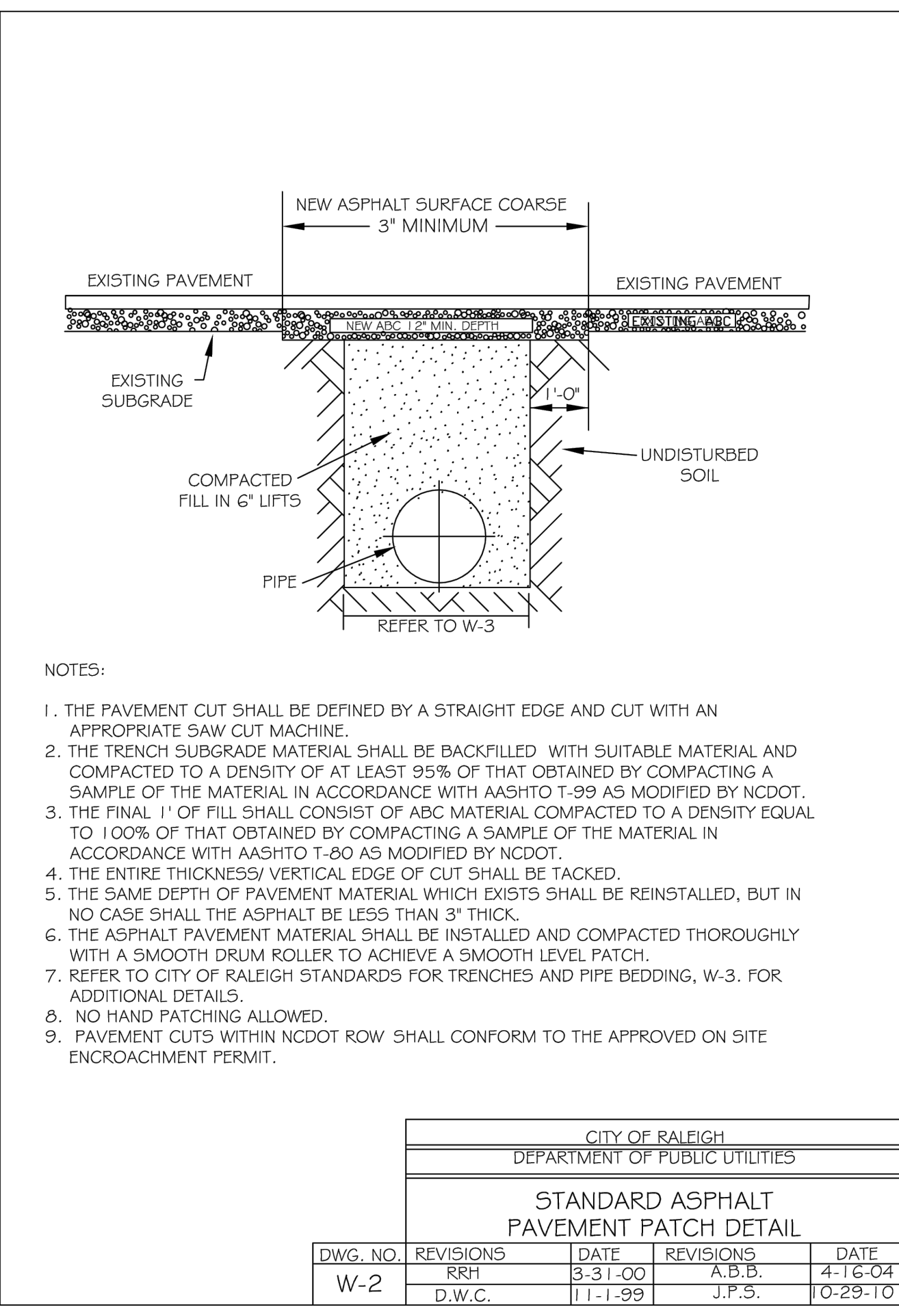
PROJECT ENGINEER: PJP

PROJECT CADD DESIGNER: MWP

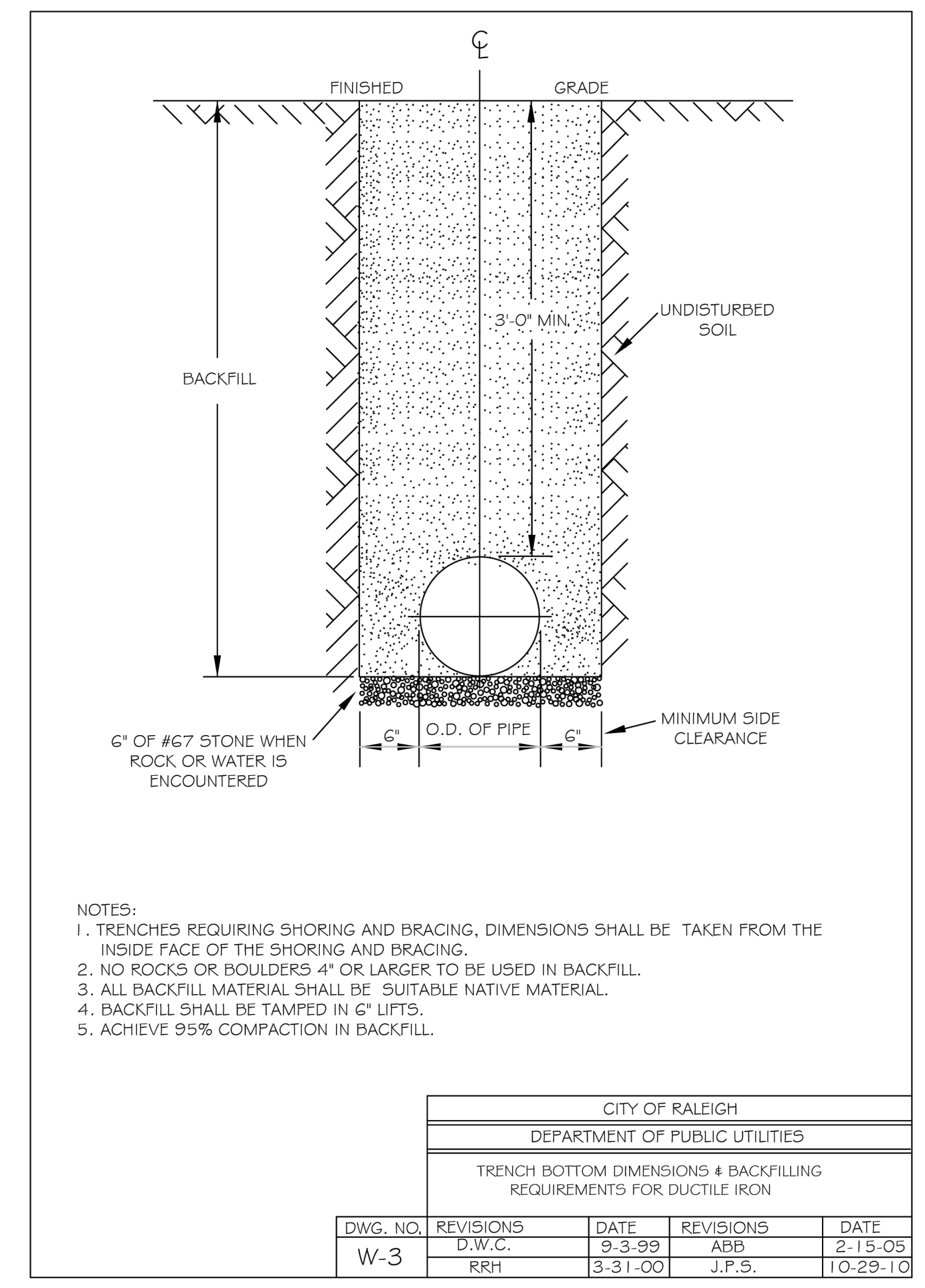
PROJECT SURVEYOR: STANBURY, INC.

NO.	REVISION	DATE

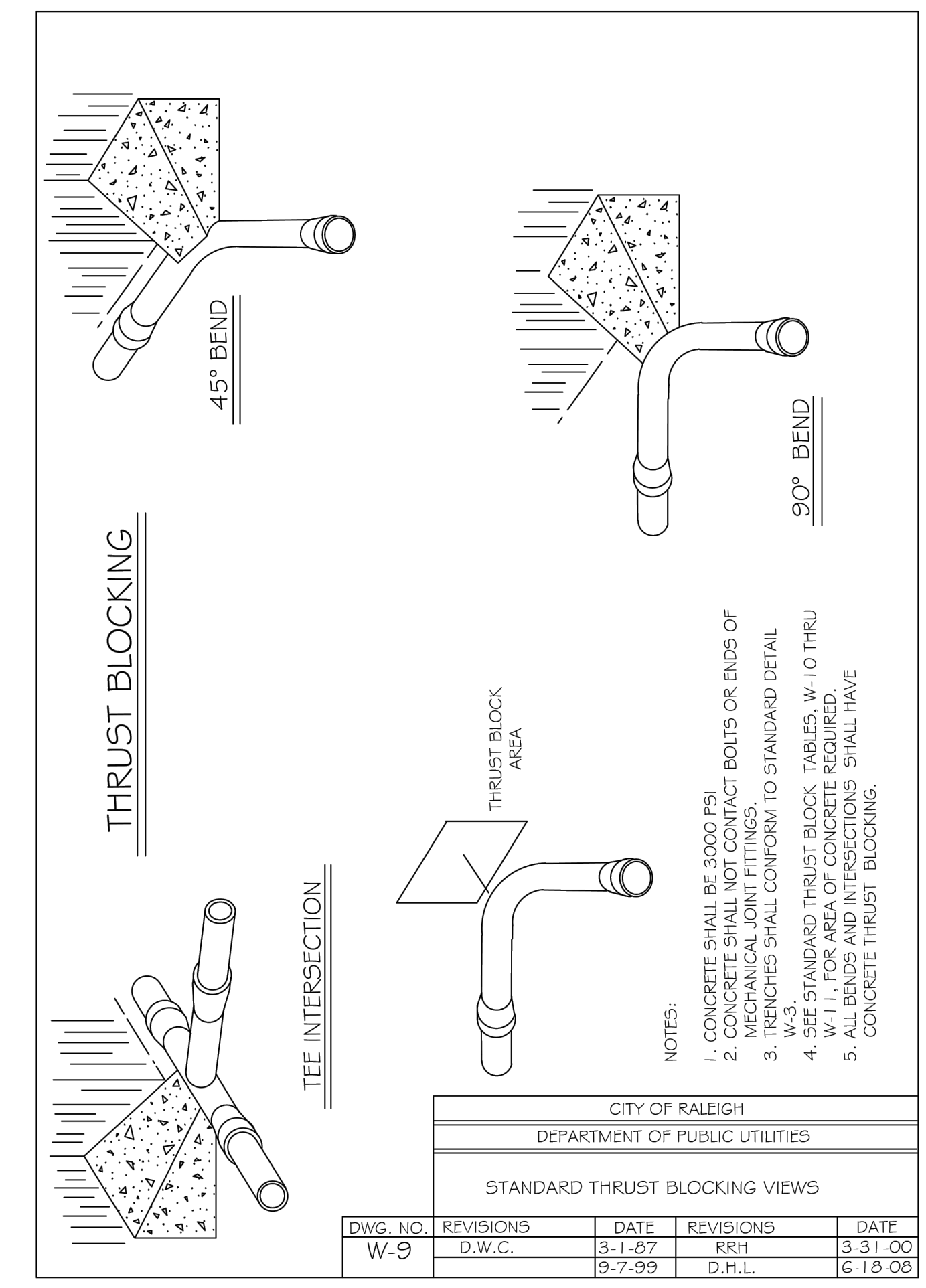
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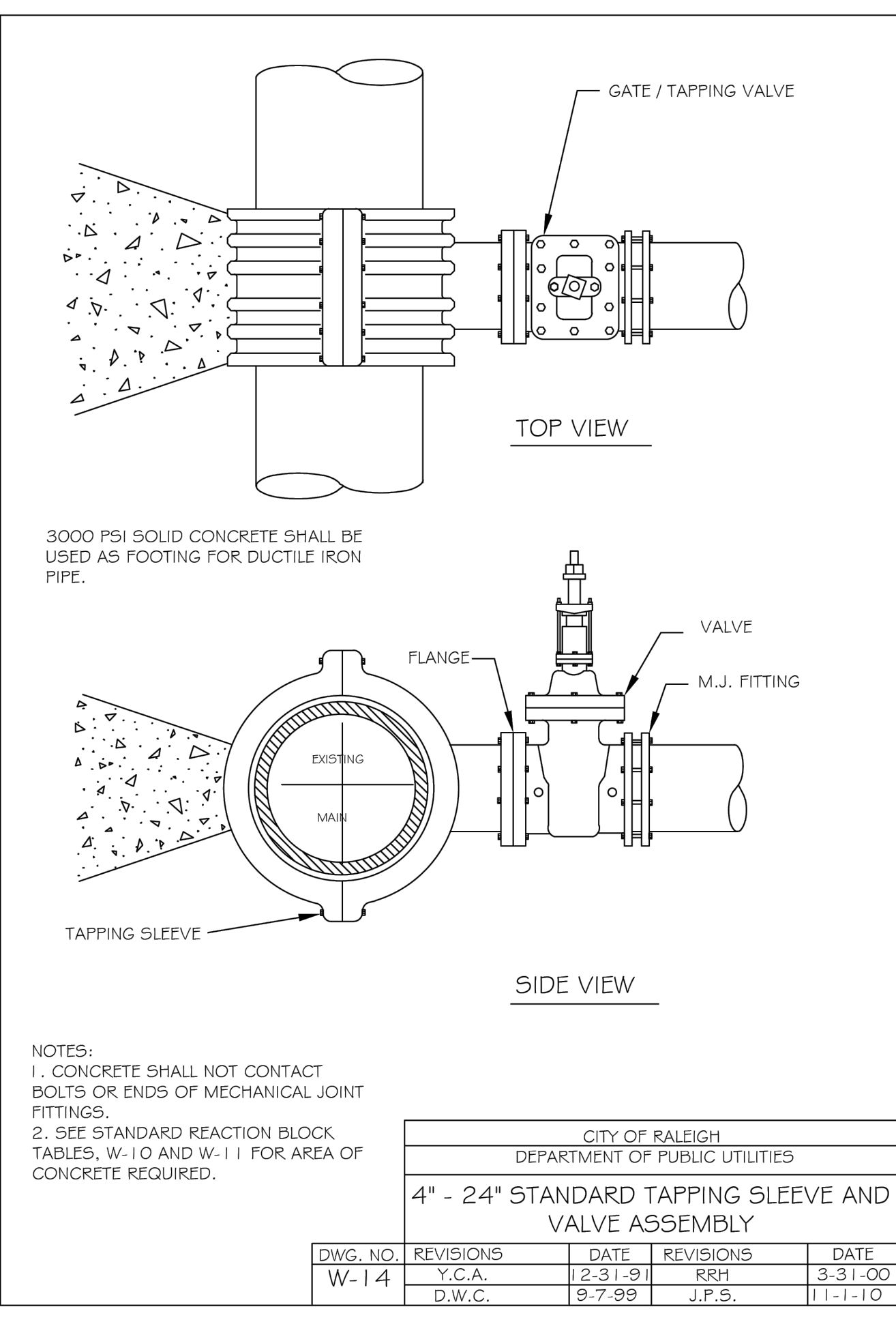
U1 STANDARD ASPHALT PAVEMENT PATCH DETAIL



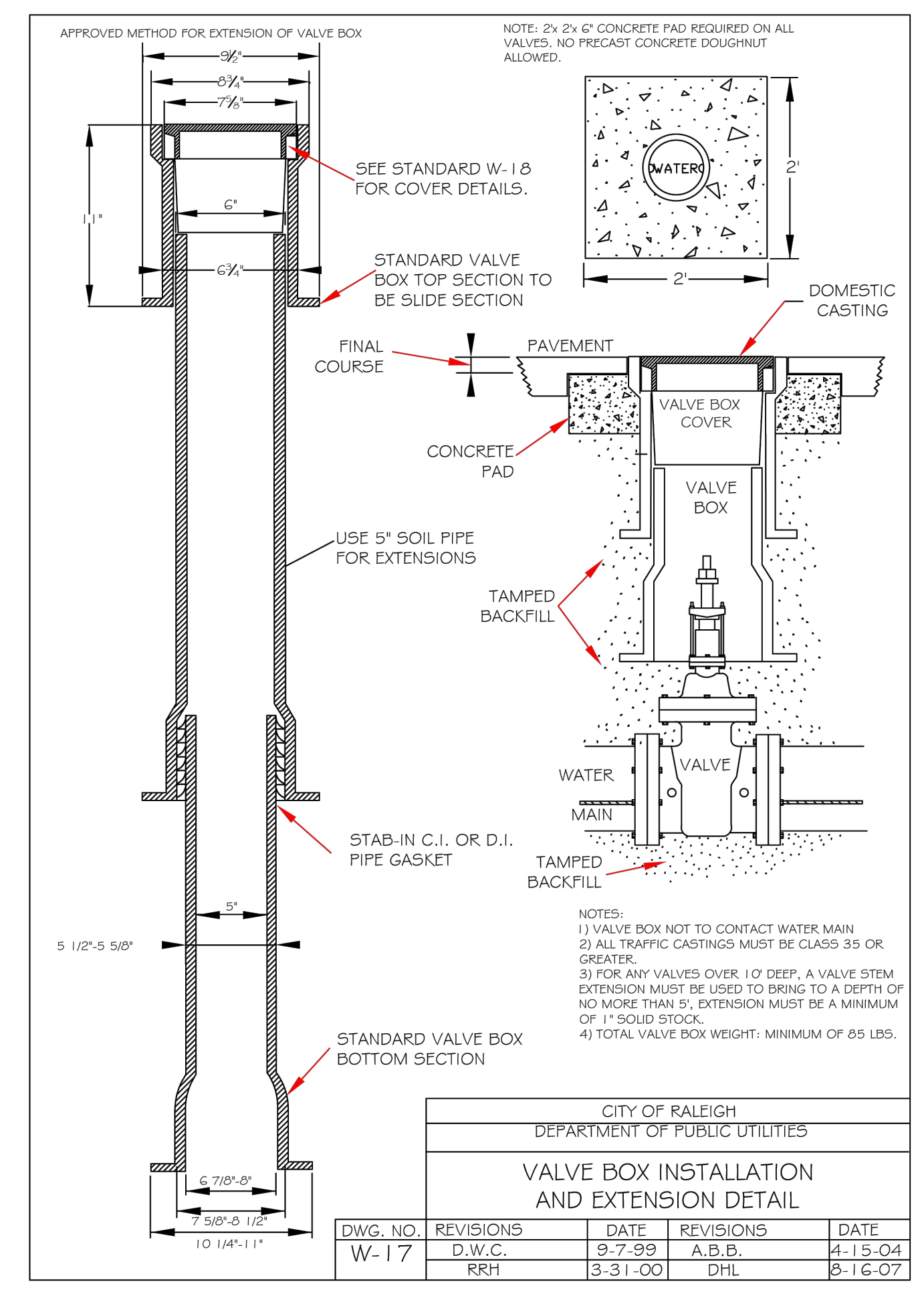
U2 TRENCH BOTTOM DIMENSIONS & BACKFILLING REQUIREMENTS



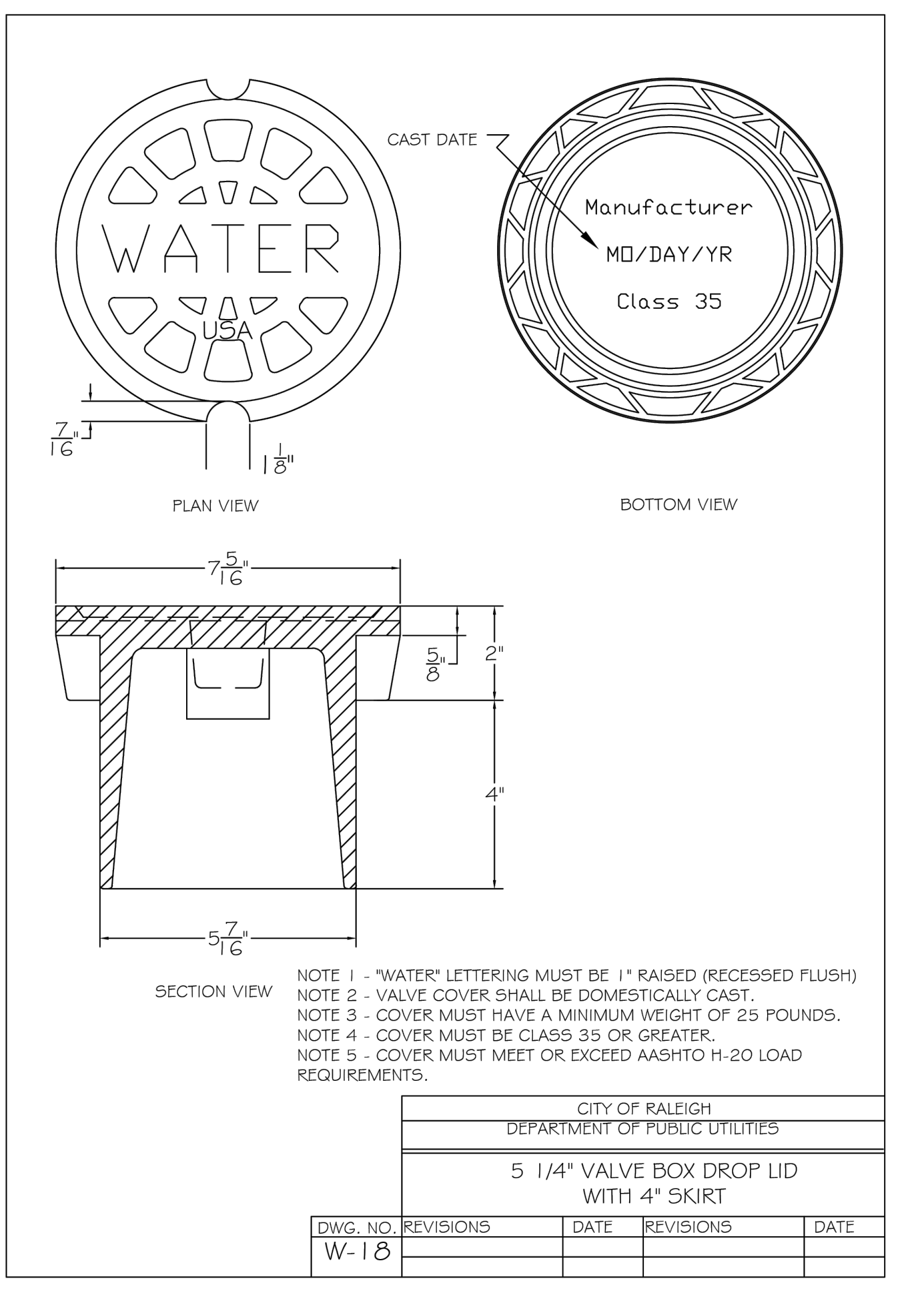
U3 STANDARD THRUST BLOCKING DESIGN & QUANTITY TABLE



U4 STANDARD TAPPING SLEEVE AND VALVE ASSEMBLY



U5 VALVE BOX INSTALLATION AND EXTENSION DETAIL



**FOR REVIEW ONLY
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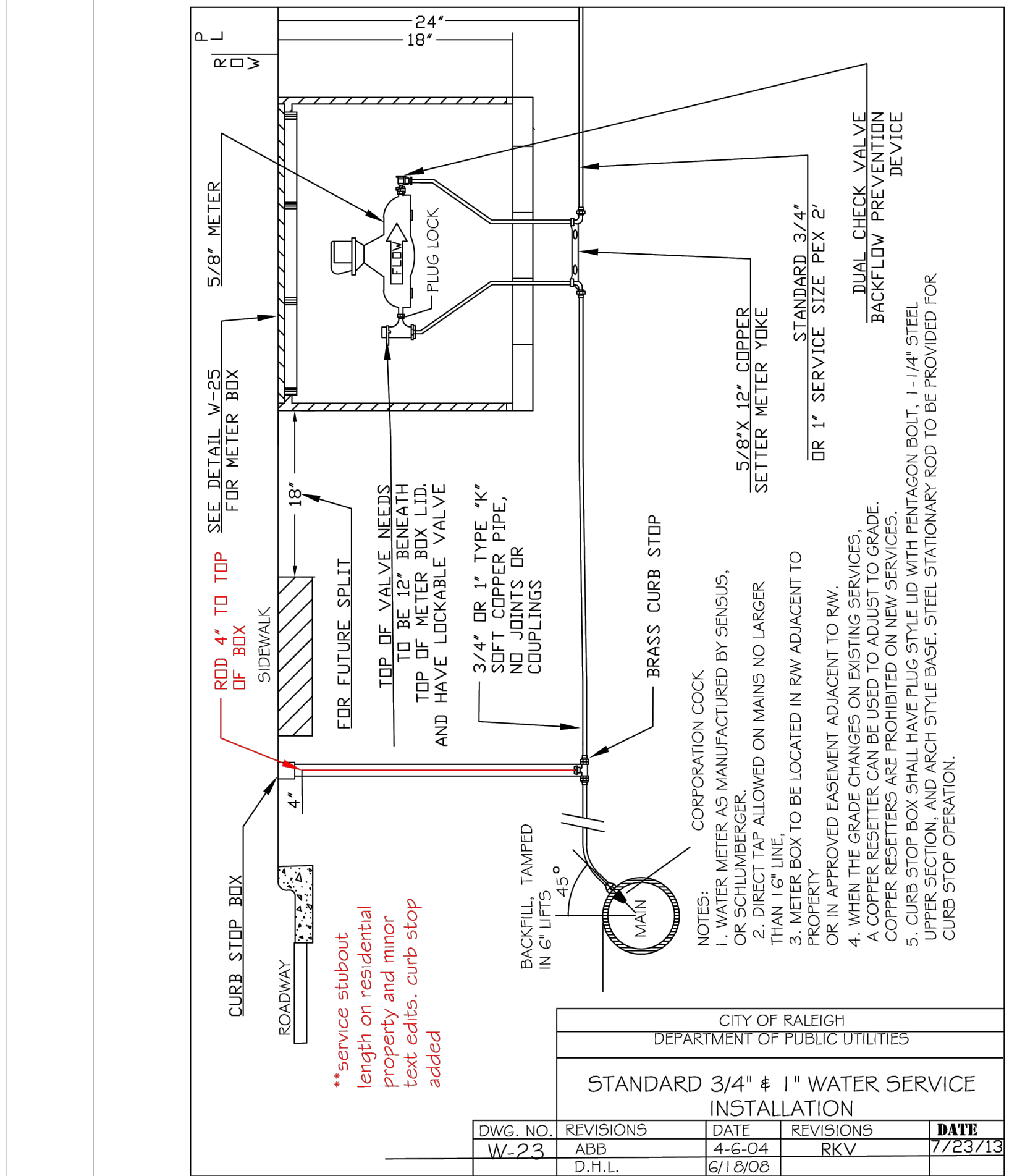
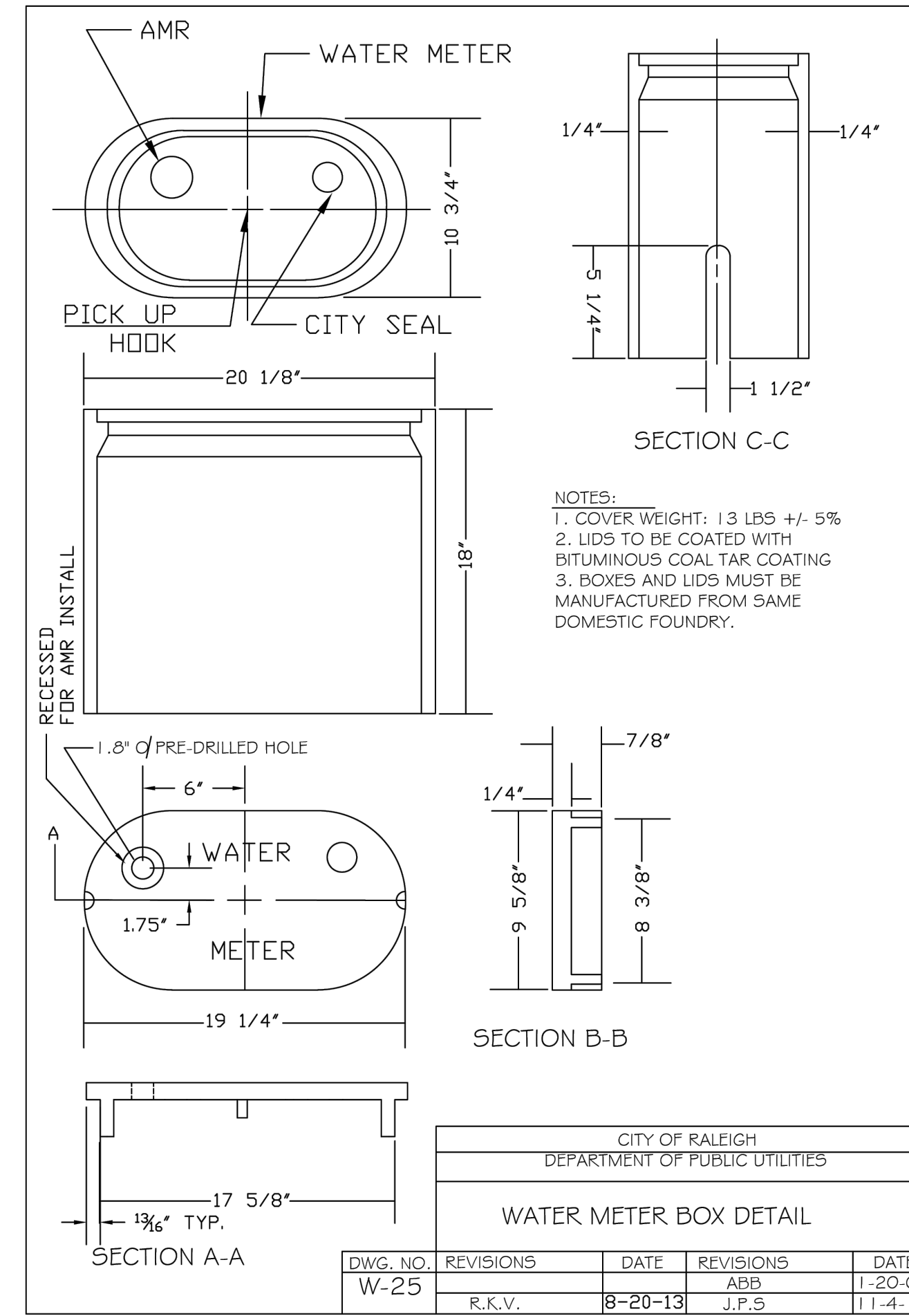
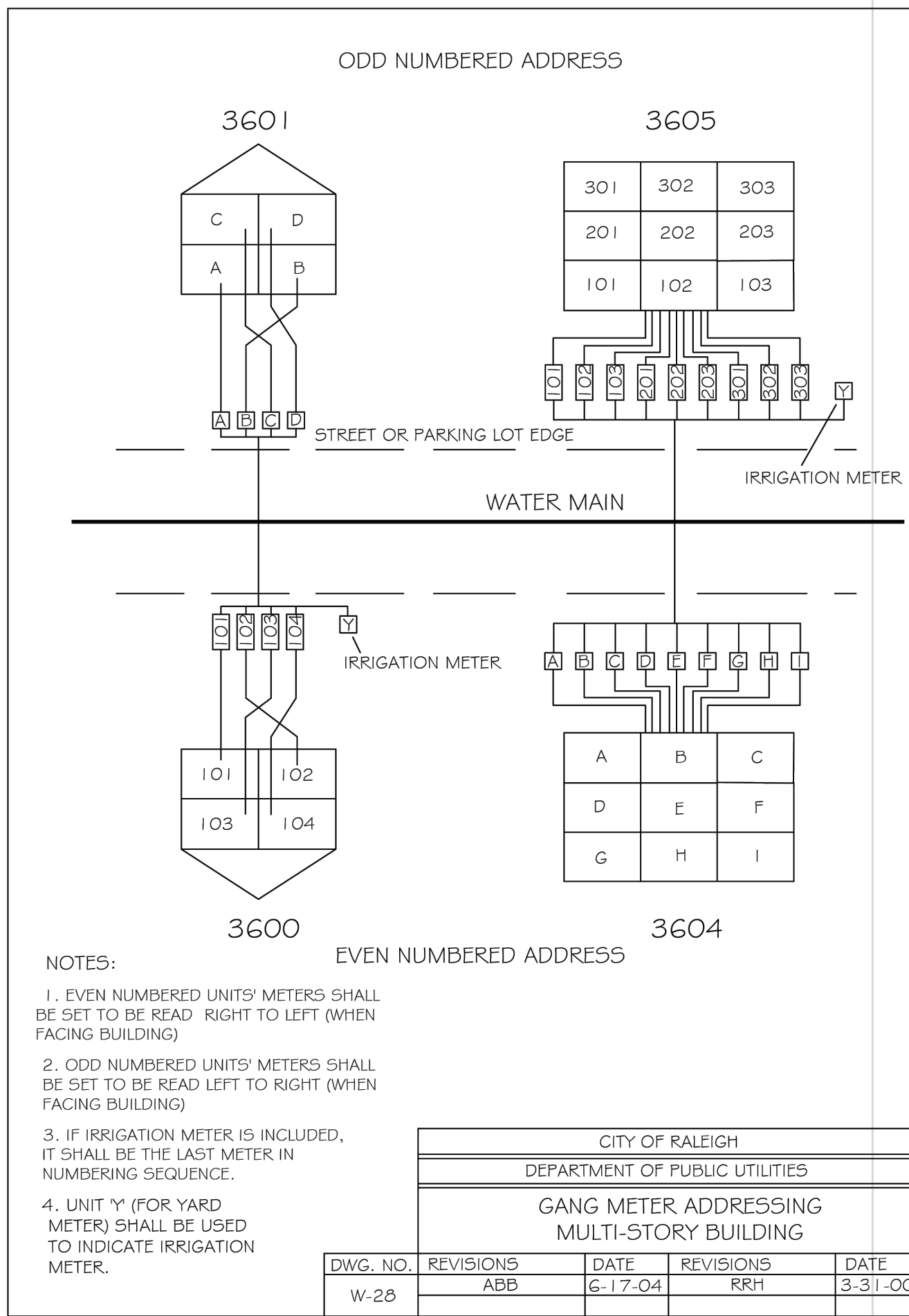
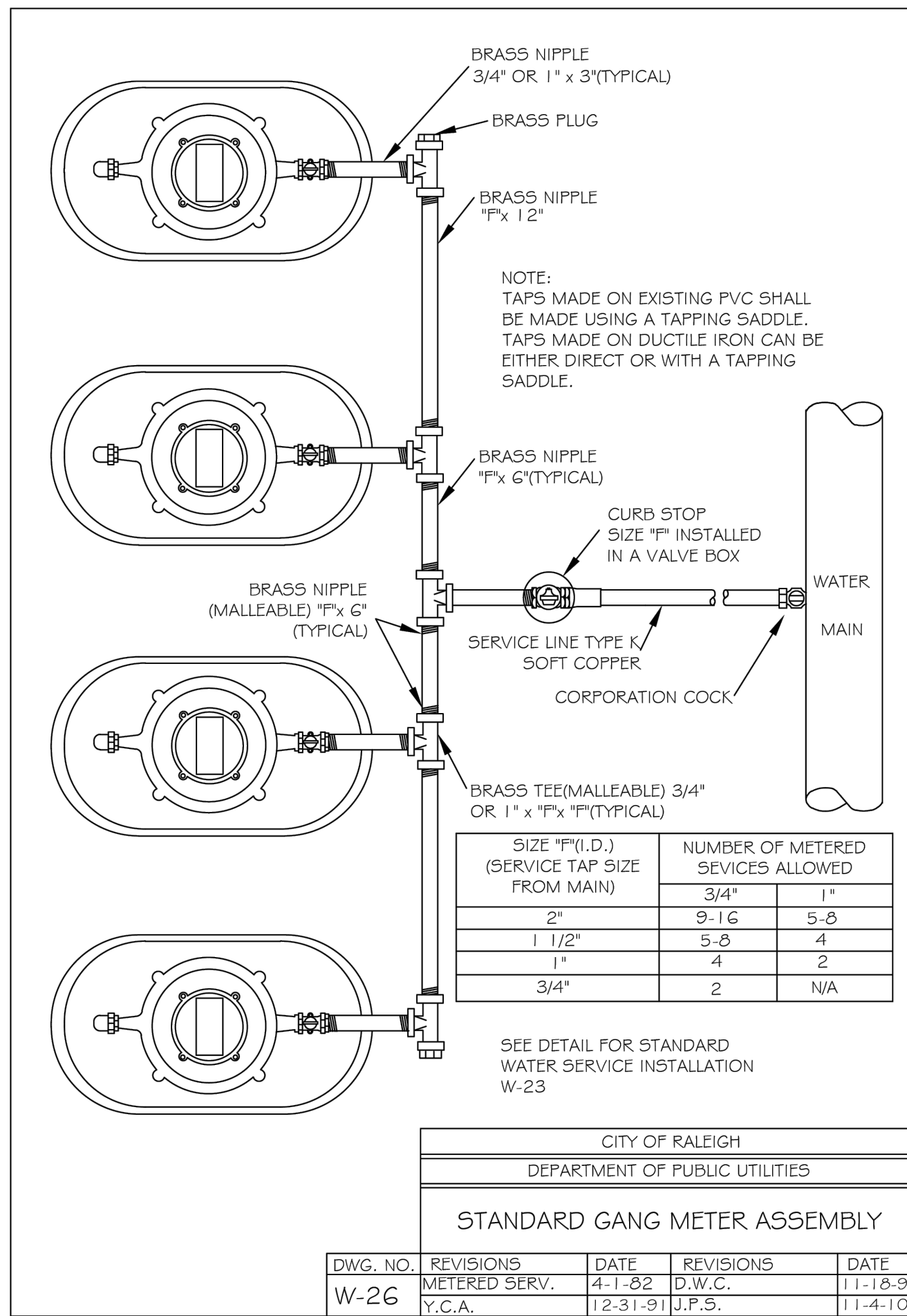
NOTE(S): ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

PAST DESIGN GROUP, PA
Engineering & Consulting
107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
Phone: 919 946 4399 | Fax: 919 946 4395 | NC LICENSE NUMBER: C-3311

516 S. BLOODWORTH STREET
RALEIGH, WAKE COUNTY, NORTH CAROLINA
TIER 3 ADMINISTRATIVE SITE REVIEW
UTILITY DETAIL SHEET

NO.	REVISION	DATE

DRAWING SHEET
D-2.0
PROJECT NUMBER
660-23

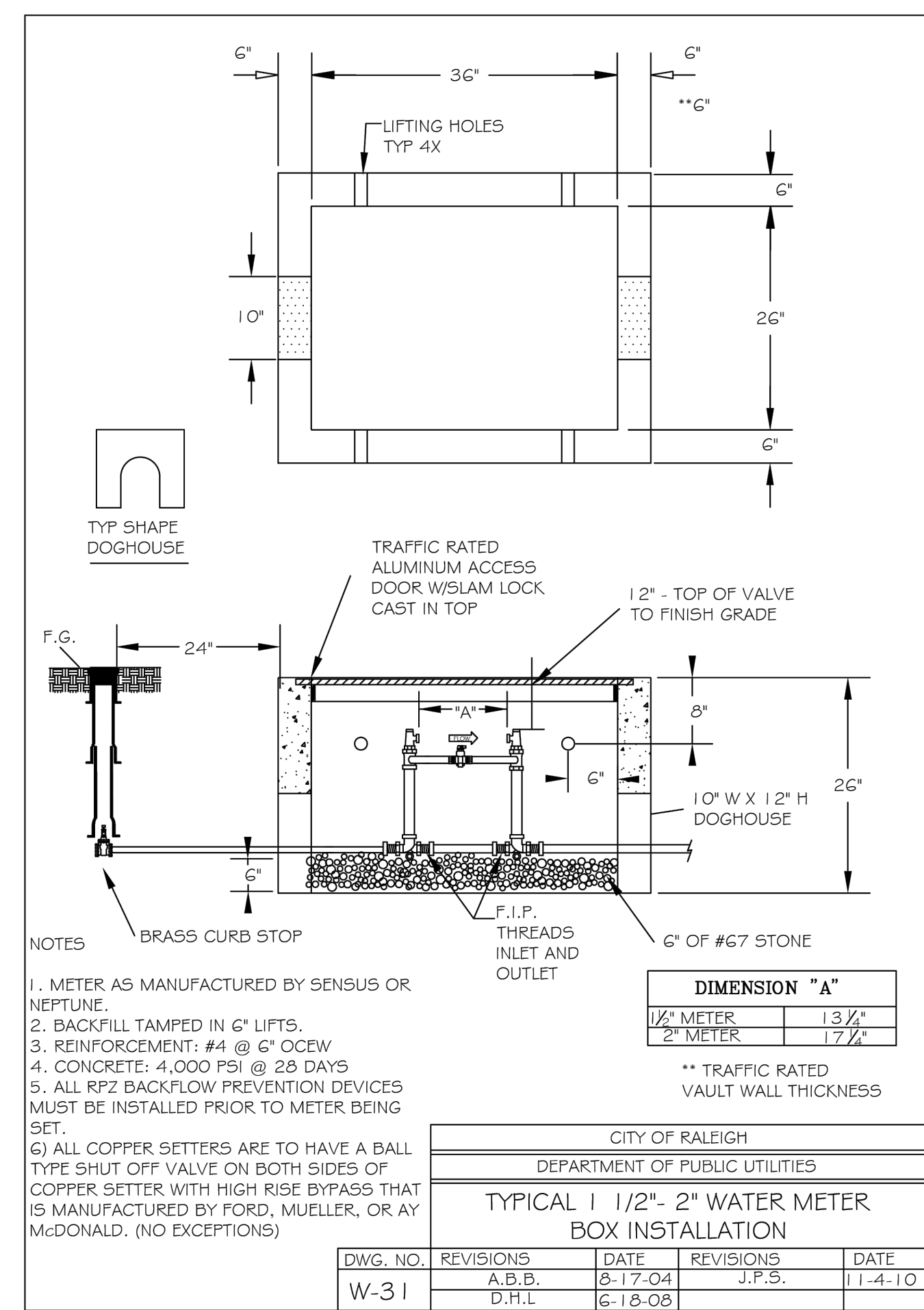


U6 STANDARD GANG METER ASSEMBLY & ADDRESSING MULTI-STORY BUILDING

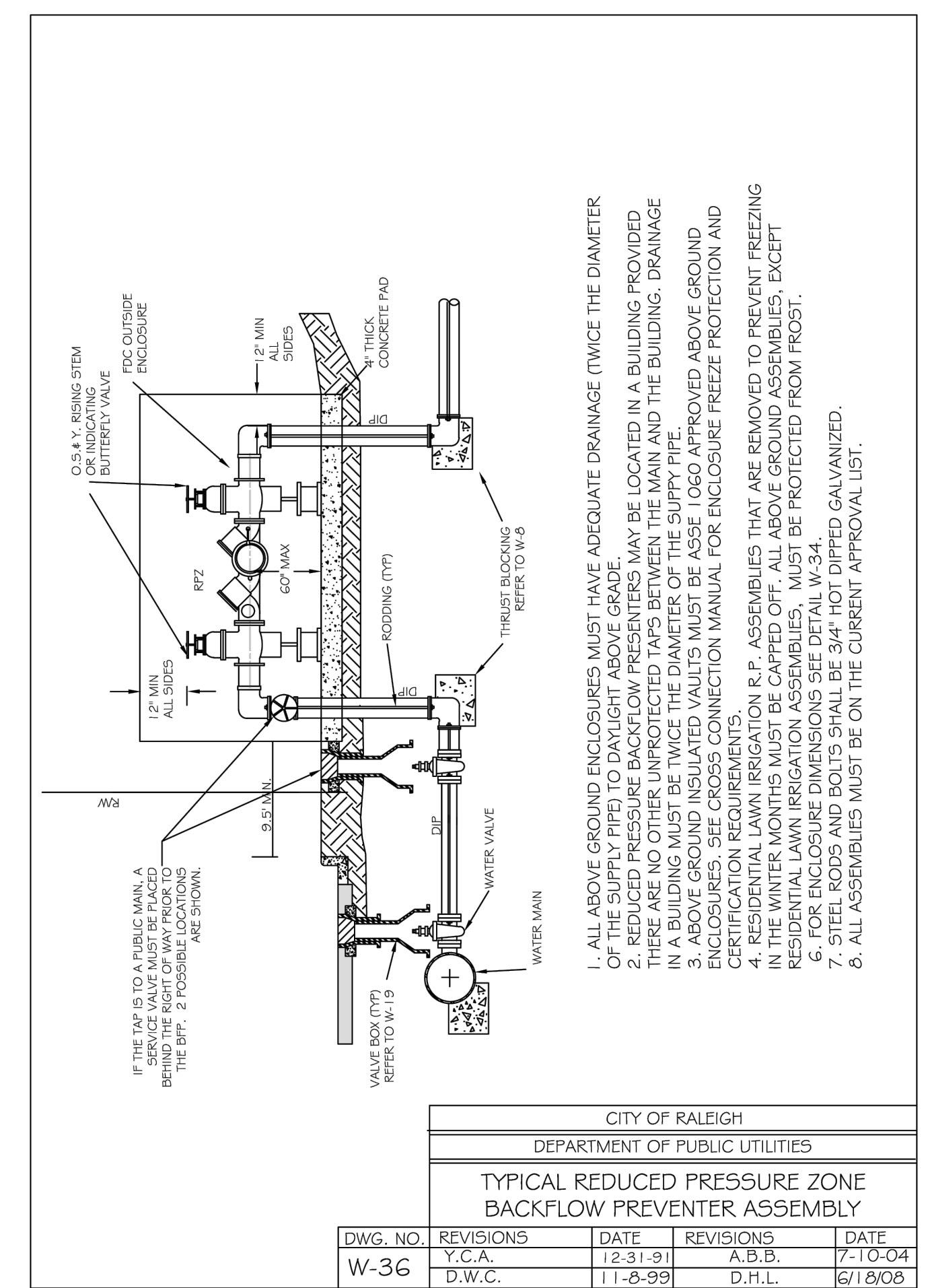
**FOR REVIEW ONLY
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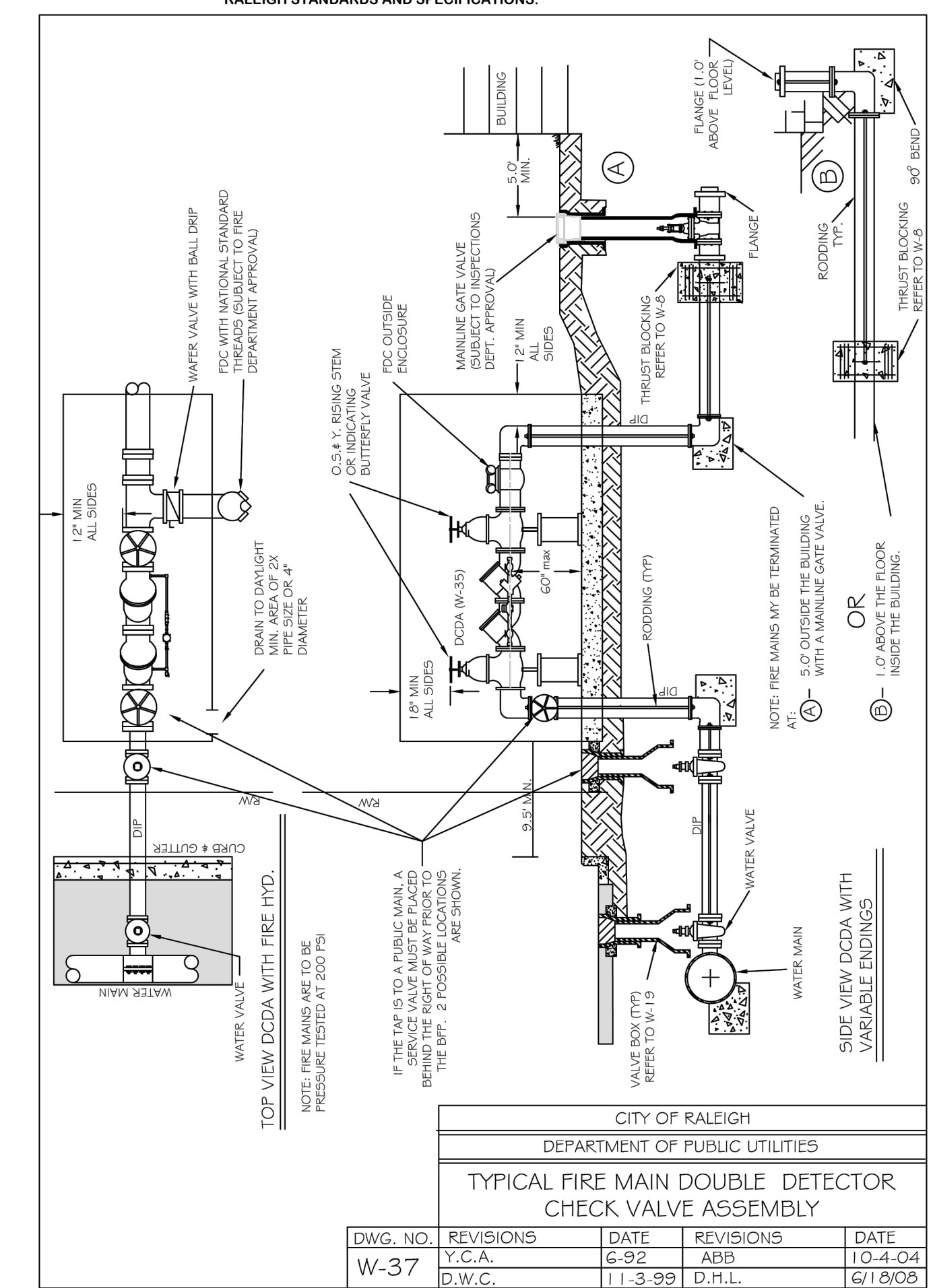
U7 STANDARD WATER SERVICE INSTALLATION



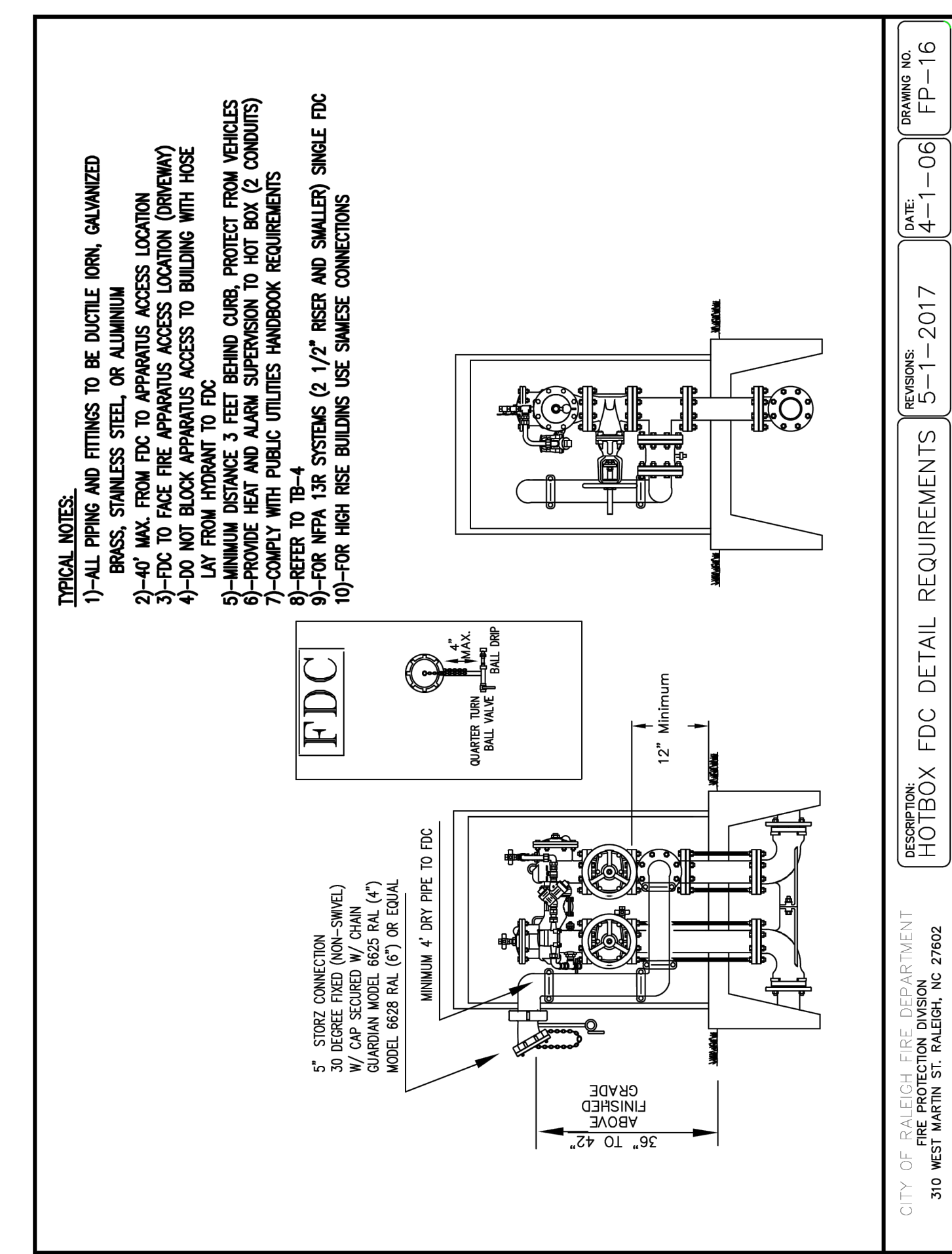
U8 WATER METER BOX DETAIL & INSTALLATION



U9 REDUCED PRESSURE ZONE BACKFLOW PREVENTER ASSEMBLY

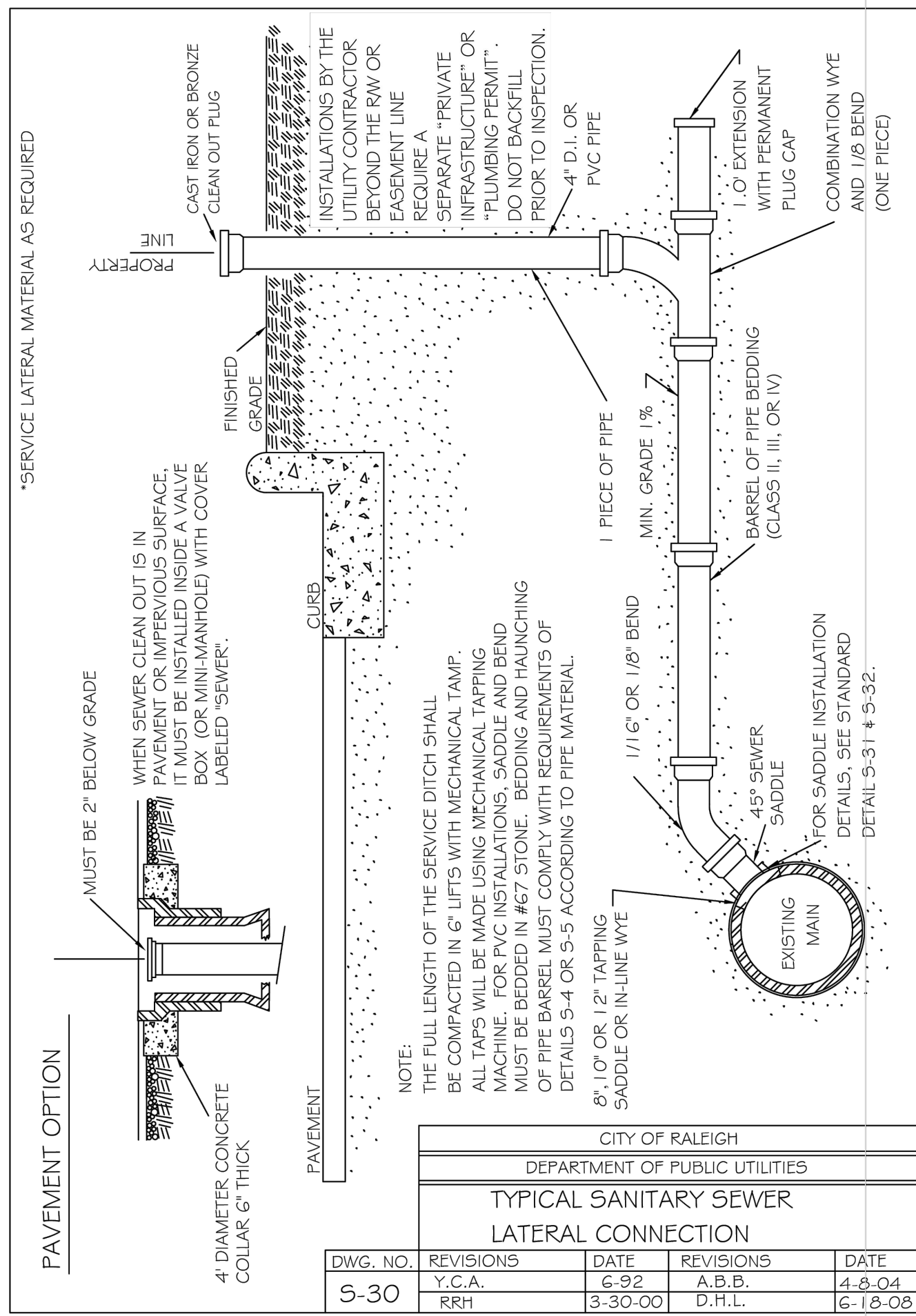


U10 FIRE MAIN DOUBLE DETECTOR CHECK VALVE ASSEMBLY

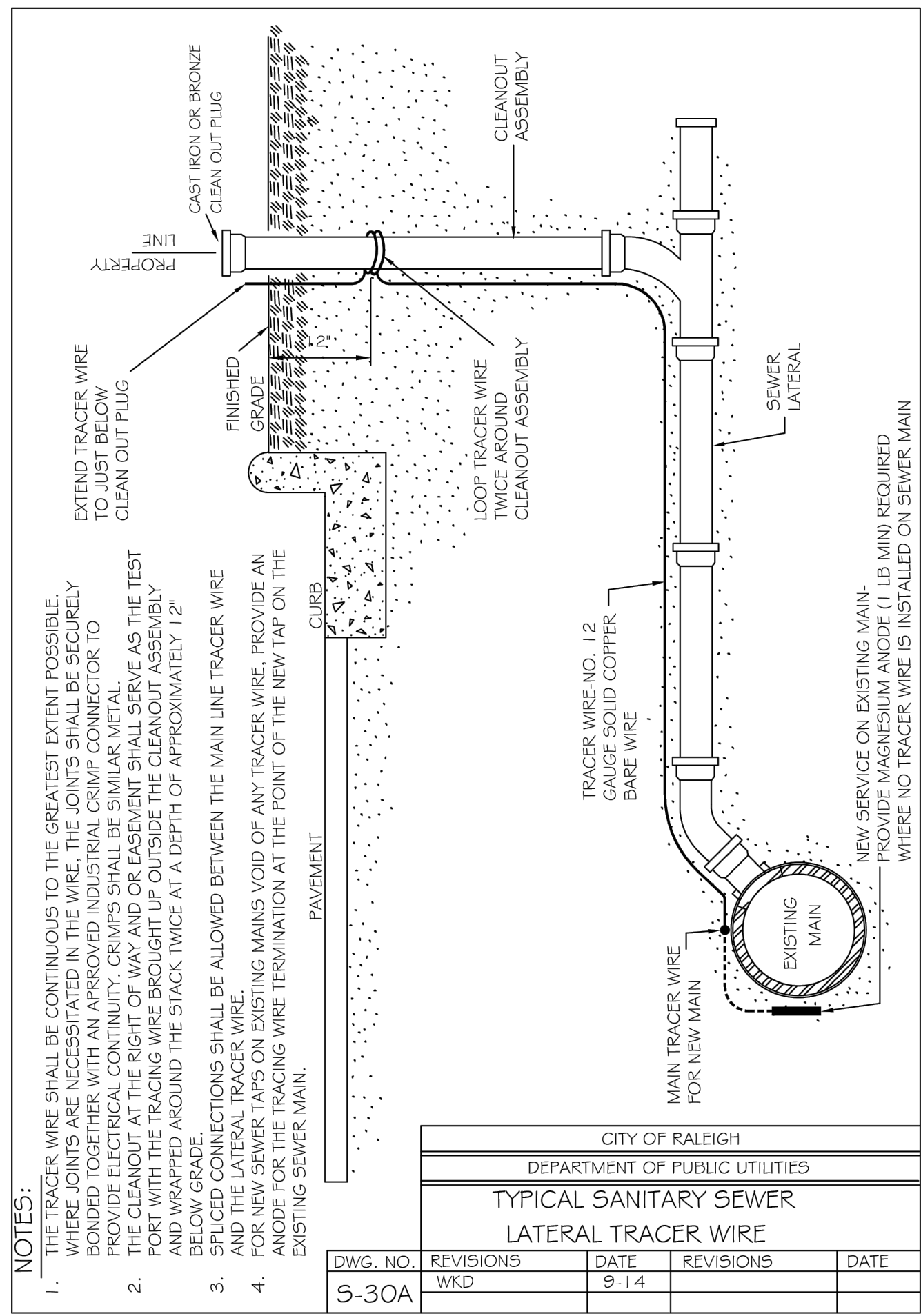


U11 HOTBOX FDC DETAIL REQUIREMENTS

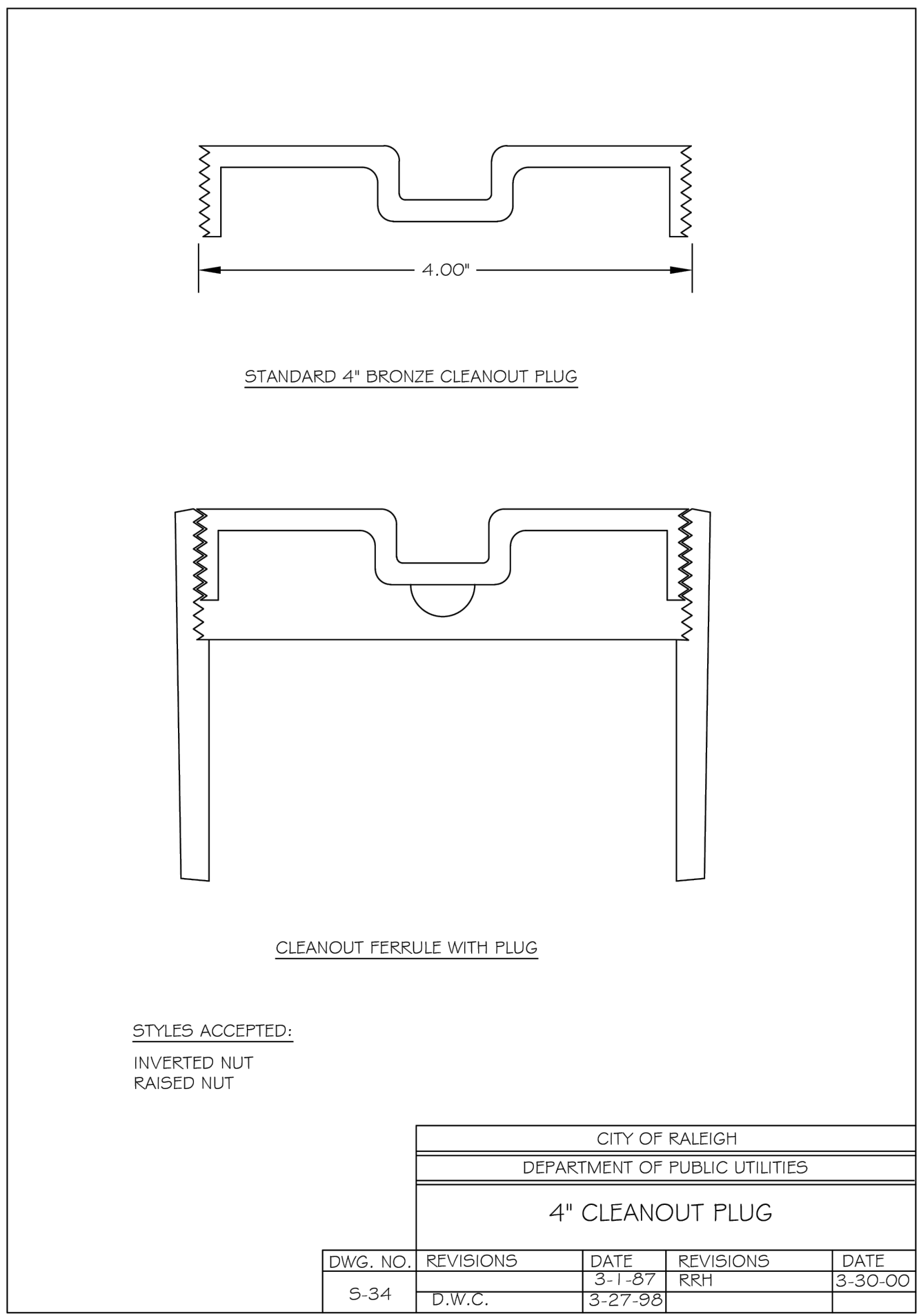
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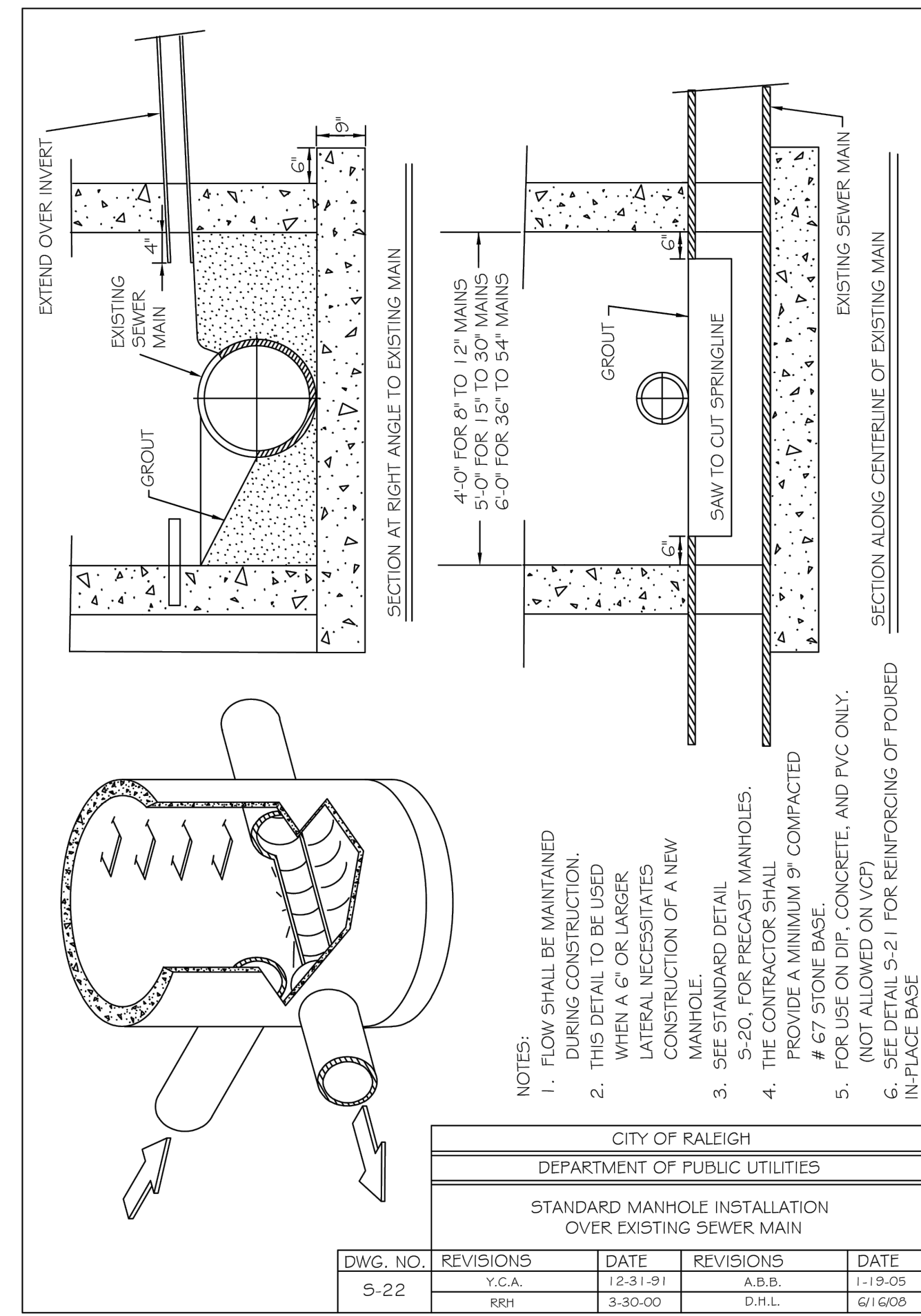
CITY OF RALEIGH DEPARTMENT OF PUBLIC UTILITIES TYPICAL SANITARY SEWER LATERAL CONNECTION					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
S-30	Y.C.A.	6-92	A.B.B.	4-8-04	
	RRH	3-30-00	D.H.L.	6-18-08	



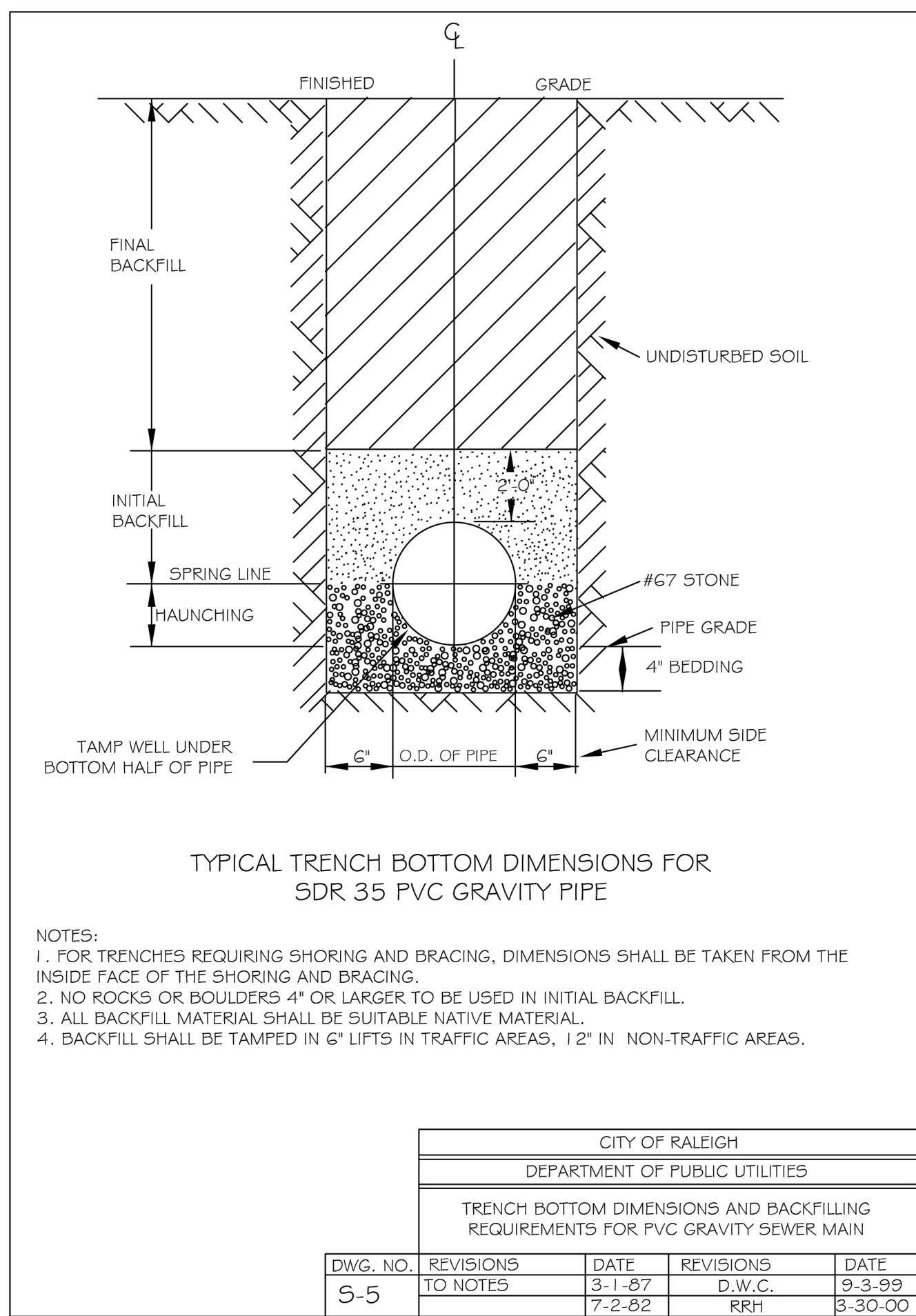
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DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
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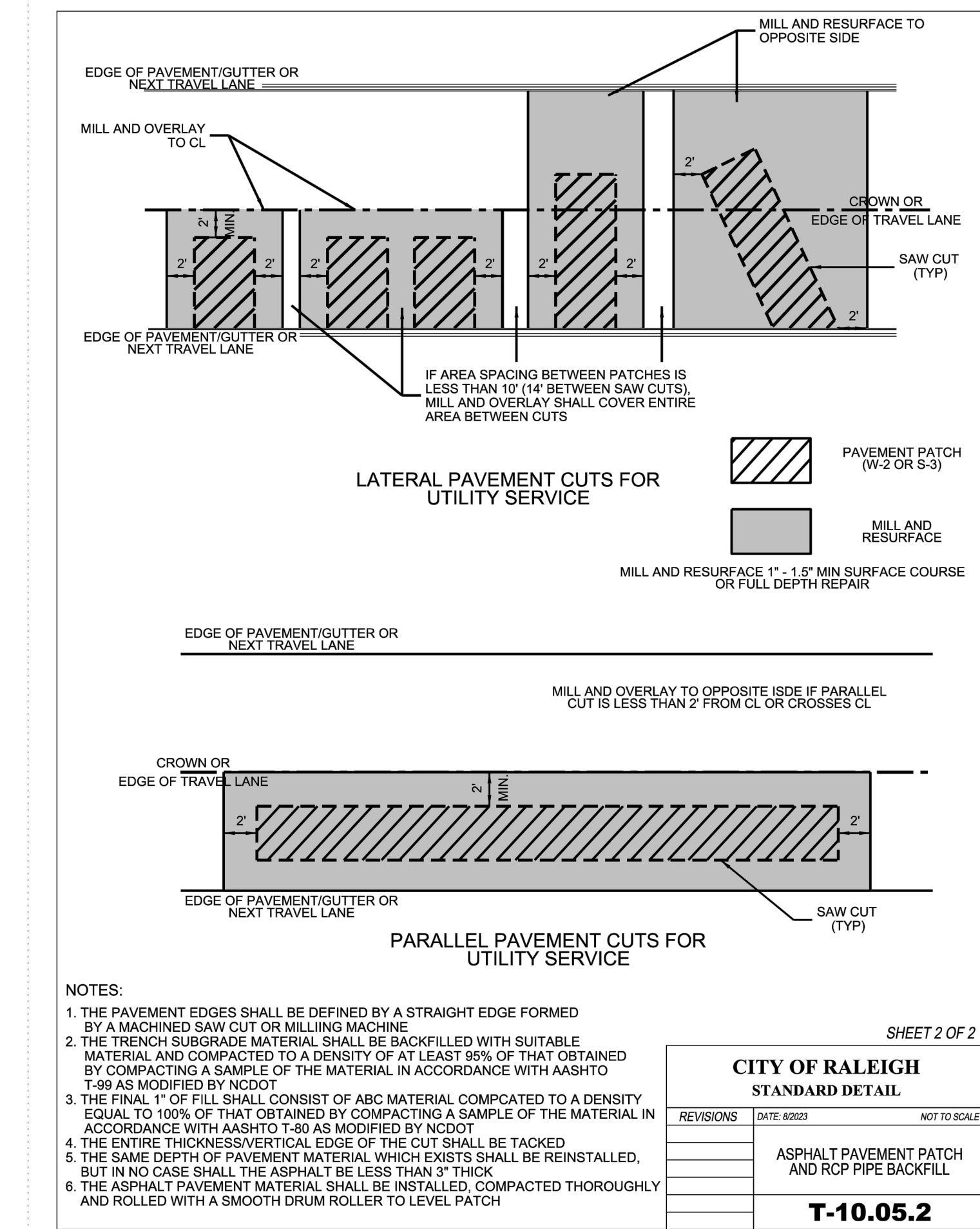
CITY OF RALEIGH DEPARTMENT OF PUBLIC UTILITIES 4\"/>					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
S-34	D.W.C.	3-27-98	RRH	3-30-00	



CITY OF RALEIGH DEPARTMENT OF PUBLIC UTILITIES STANDARD MANHOLE INSTALLATION OVER EXISTING SEWER MAIN					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
S-22	Y.C.A.	12-31-91	A.B.B.	1-18-05	
	RRH	3-30-00	D.H.L.	6/16/08	



CITY OF RALEIGH DEPARTMENT OF PUBLIC UTILITIES TRENCH BOTTOM DIMENSIONS AND BACKFILLING REQUIREMENTS FOR PVC GRAVITY SEWER MAIN					
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE	
S-5	TO NOTES	3-1-87	D.W.C.	9-3-99	
		7-2-82	RRH	3-30-00	



CITY OF RALEIGH STANDARD DETAIL ASPHALT PAVEMENT PATCH AND RCP PIPE BACKFILL			
REVISIONS	DATE	BY	NOT TO SCALE
	02/07		

U14 SANITARY SEWER TRENCH BOTTOM DIMENSIONS & BACKFILLING REQUIREMENTS

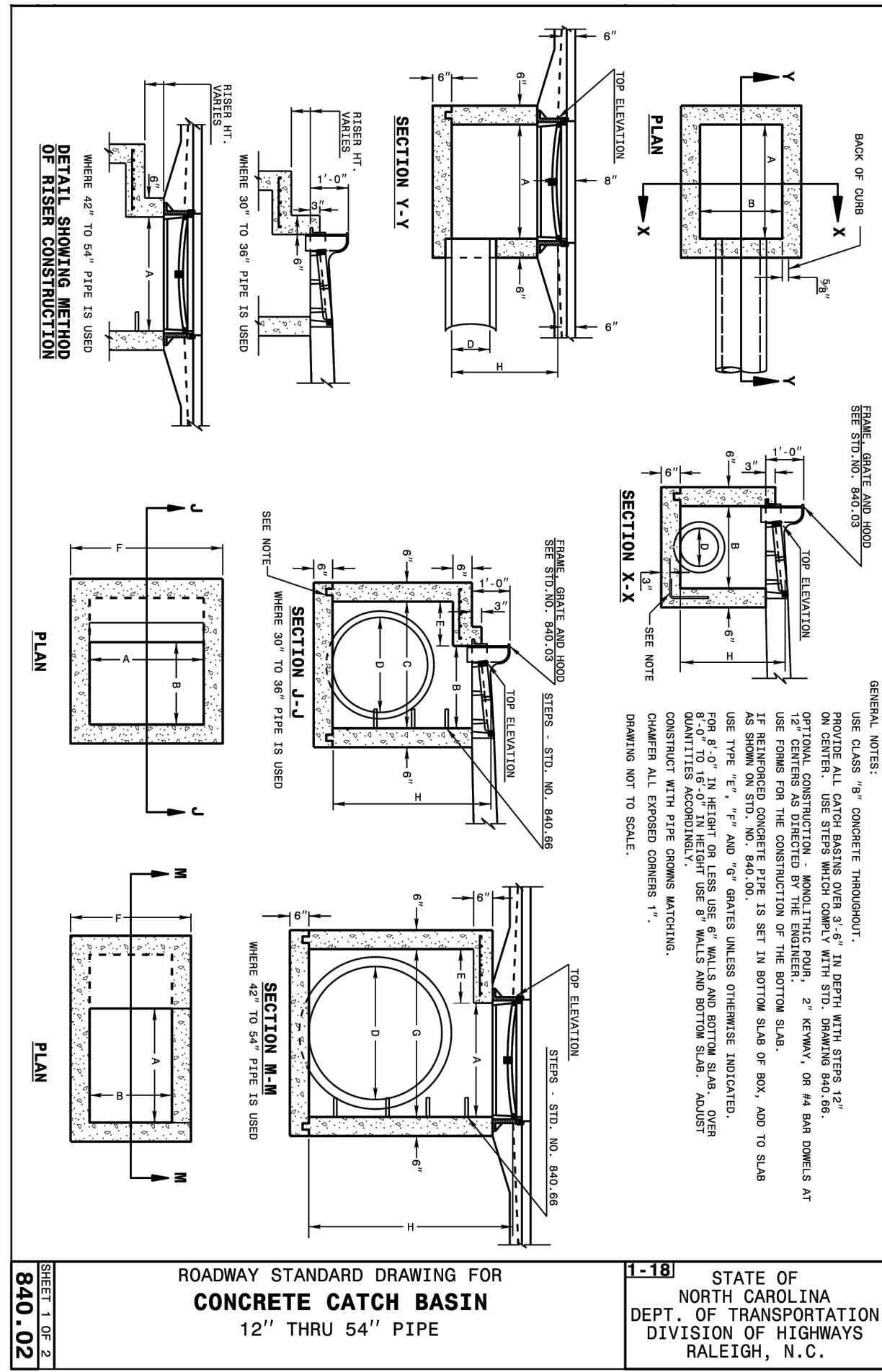
U15 ASPHALT PAVEMENT PATCH

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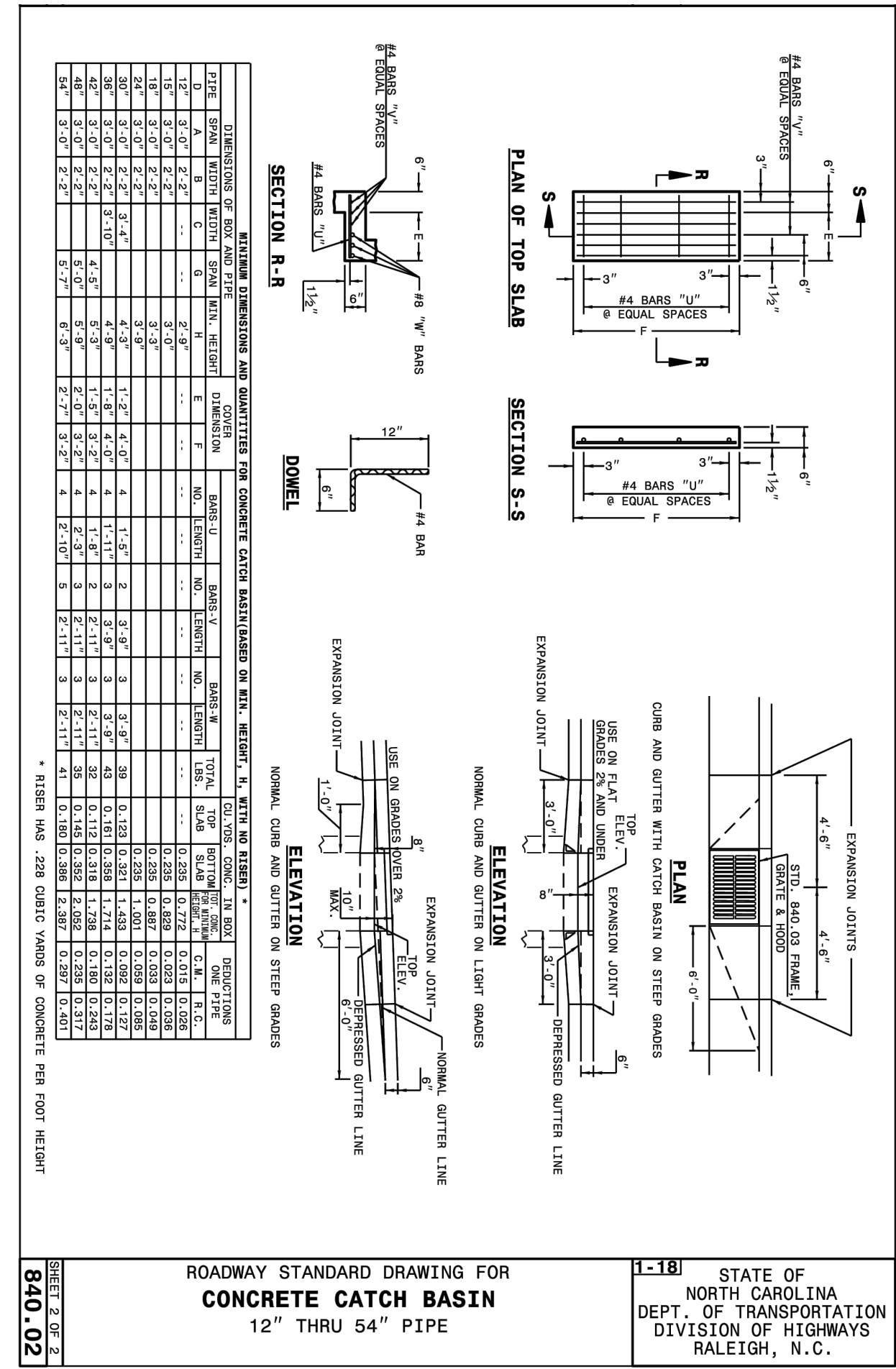
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NO.	REVISION	DATE

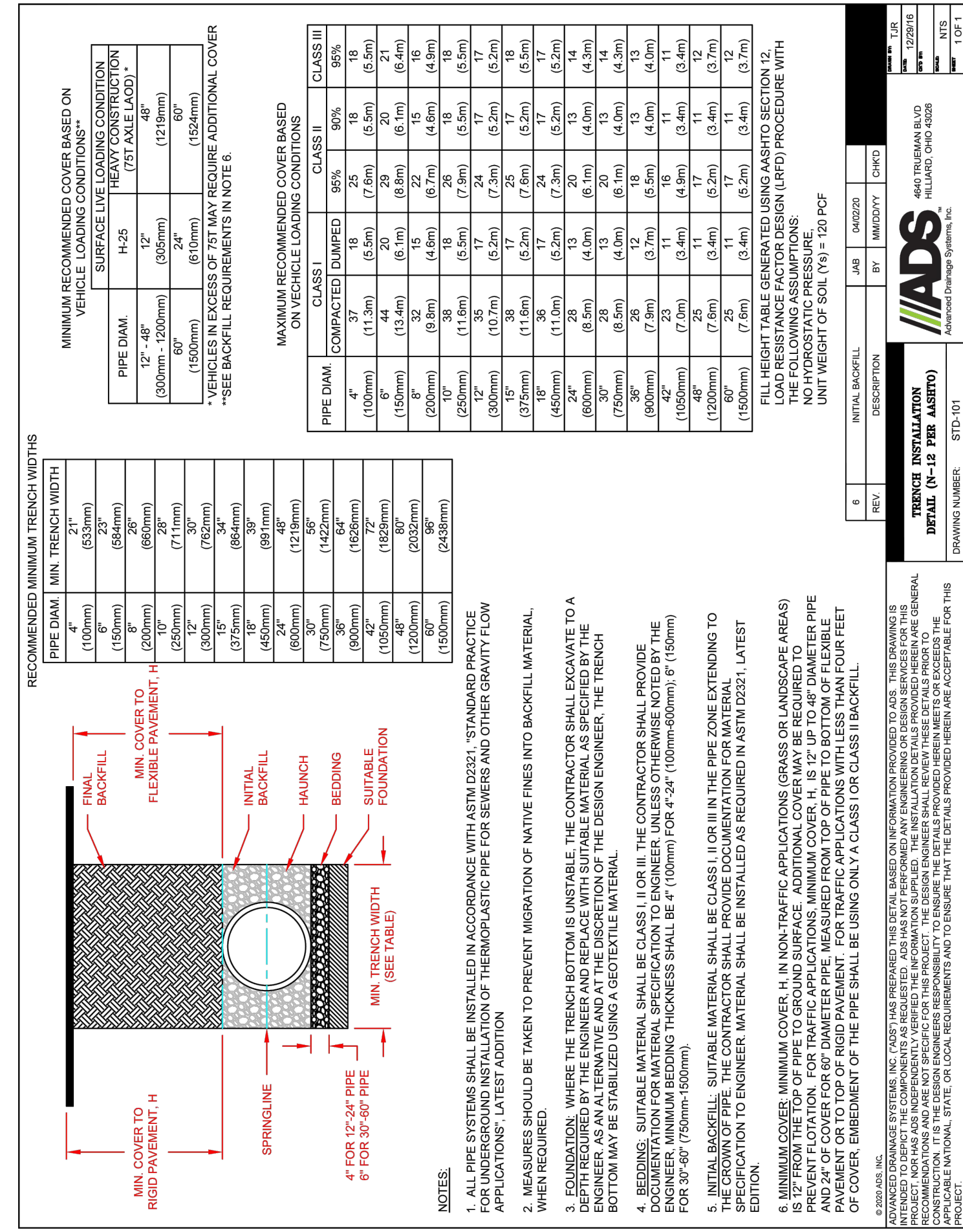
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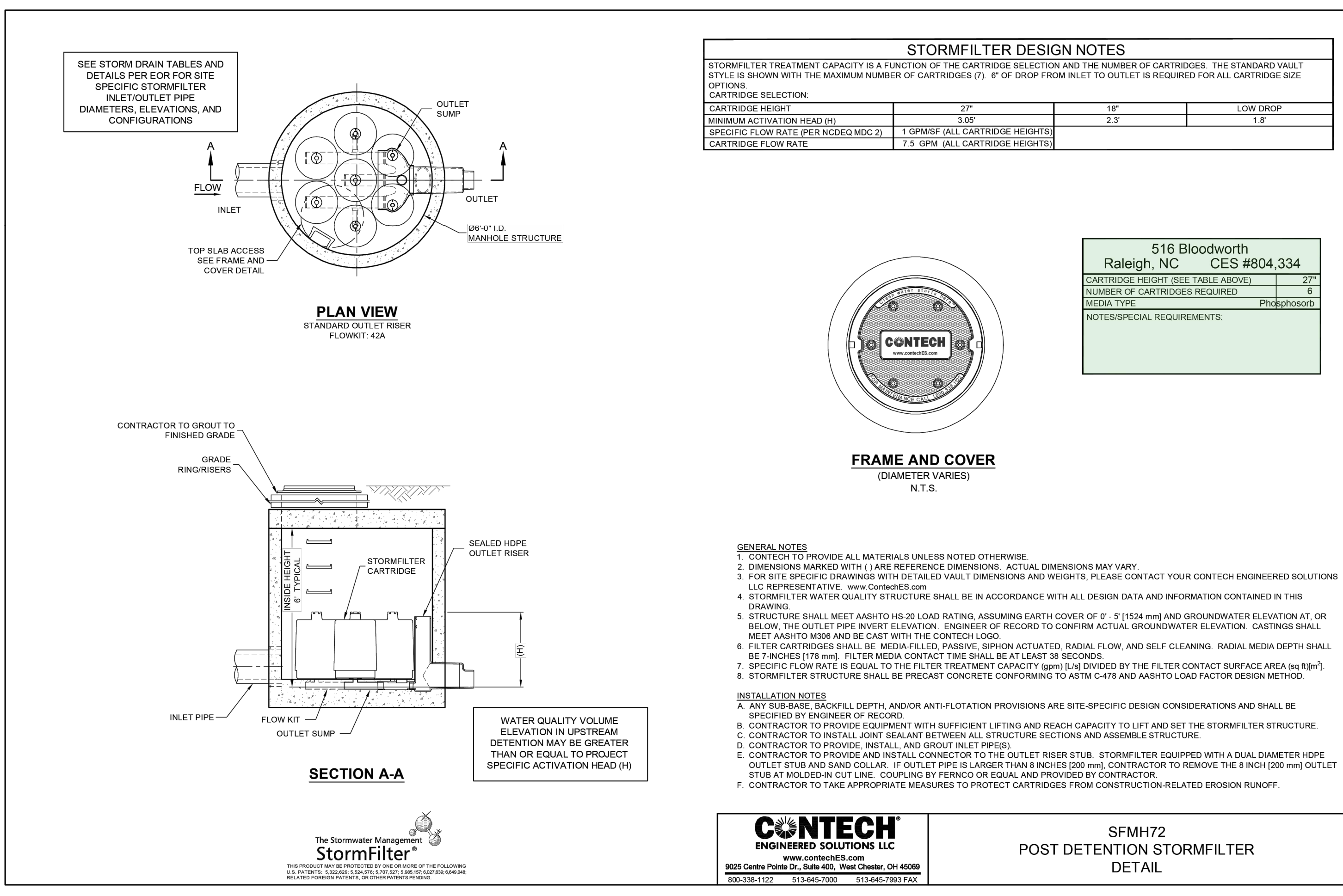
D1 NCDOT CATCH BASIN



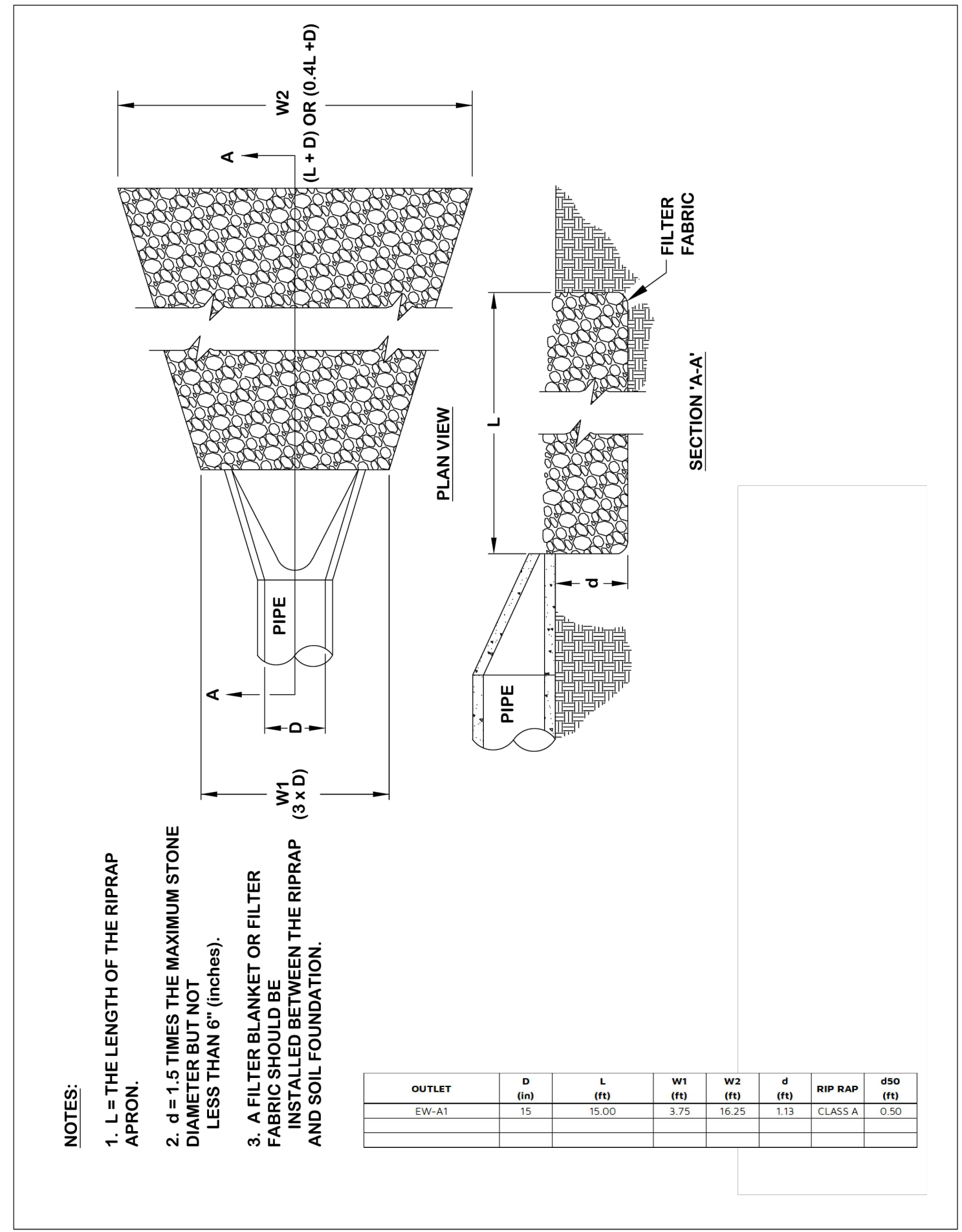
D2 OUTLET PROTECTION



D3 HDPE TRENCH INSTALLATION



D4 STORMFILTER



D2 OUTLET PROTECTION

FOR REVIEW ONLY NOT FOR CONSTRUCTION

NOTE(S): ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH ALL CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.

PAST DESIGN GROUP, PA
 Engineering | Consulting
 107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
 Phone: 919 946 4399 | Fax: 919 946 0951 | NC LICENSE NUMBER: C-3311

516 S. BLOODWORTH STREET
 RALEIGH, WAKE COUNTY, NORTH CAROLINA

TIER 3 ADMINISTRATIVE SITE REVIEW
STORM DRAINAGE DETAIL SHEET

DRAWING SHEET D-3.0

PROJECT NUMBER 660-23

DATE: _____
 REVISION: _____
 NO. _____

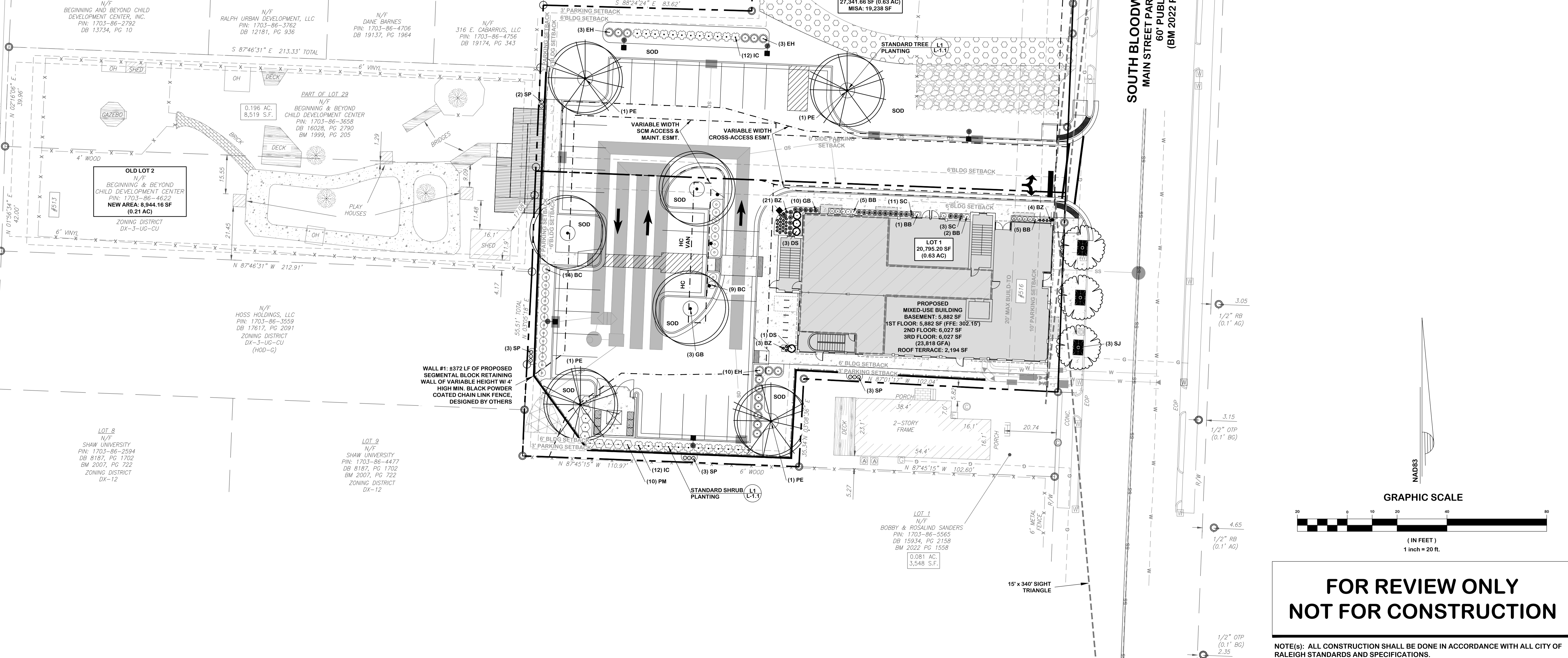
PLANT SCHEDULE SHEET L-1.0

SHADE TREES	CODE	QTY	BOTANICAL / COMMON NAME	CALIPER	HEIGHT	CONTAINER
	GA	6	Ginkgo biloba 'Autumn Gold' Autumn Gold Maidenhair Tree	3.5" MIN.	14' MIN.	B&B
	UP	4	Ulmus americana 'Princeton' Princeton American Elm	3" MIN.	10' MIN.	B&B
UNDERSTORY TREES	CODE	QTY	BOTANICAL / COMMON NAME	INSTALL	MATURE HT.	MATURE WIDTH
	SJ	3	Styrax japonicus Japanese Snowbell	1.5" MIN.	6' MIN.	B&B
DUMPSTER ENCLOSURE SCREENING	CODE	QTY	BOTANICAL / COMMON NAME	INSTALL	MATURE HT.	MATURE WIDTH
	PM	10	Podocarpus macrophyllus 'Maki' Maki Shrubby Yew Podocarpus	36" MIN.	8-10'	3-4'
PERIMETER ISLAND SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	INSTALL	MATURE HT.	MATURE WIDTH
	BC	23	Distylium 'Blue Cascade' Blue Cascade Distylium	18" MIN.	2-3'	3-4'
	IC	24	Ilex vomitoria 'Condeaux' Bordeaux Yaupon Holly	18" MIN.	3-4'	3-4'
	EH	16	Distylium x 'PIDIST-I' Emerald Heights Distylium	24" MIN.	5'	5'
WALL PLANE GREATER THAN 100' - VISUAL BREAK SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	INSTALL	MATURE HT.	MATURE WIDTH
	SP	11	Ilex crenata 'Sky Pencil' Sky Pencil Holly	18" MIN.	6-8'	1-2'
BUILDING FOUNDATION PLANTINGS (NOT REQUIRED BY CITY OF RALEIGH CODE)	CODE	QTY	BOTANICAL / COMMON NAME	INSTALL	MATURE HT.	MATURE WIDTH
	BB	13	Buxus microphylla 'Grejade' PP26656 Baby Jade Boxwood	3 GAL.	3'	3'
	GB	10	Ilex glabra 'Gem Box' Gem Box Inkberry Holly	3 GAL.	2-3'	2-3'
	DS	4	Thuja occidentalis 'Degroot's Spire' Degroot's Spire Arborvitae	5-7 GAL.	15'-20'	4-5'
	BZ	28	Carex flacca 'Blue Zinger' Blue Zinger Sedge	32/TRAY	1-1.5'	1-2'
	SC	14	Mahonia eurybracteata 'Soft Caress' Soft Caress Mahonia	3 GAL.	3'	3'

NOTES:
1. BUILDING FOUNDATION PLANTINGS ARE NOT REQUIRED OR REVIEWED BY CITY OF RALEIGH. FOUNDATION PLANTINGS IN PLAN AND IN PLANT SCHEDULE PROVIDED FOR PROJECT DEVELOPER AND LANDSCAPE CONTRACTOR PURPOSES.

EAST CABARRUS STREET
MAIN STREET PARALLEL PARKING
60' PUBLIC R/W
(BM 2010, PG 456)

SOUTH BLOODWORTH STREET
MAIN STREET PARALLEL PARKING
60' PUBLIC R/W
(BM 2022 PG 1558)



LANDSCAPE CALCULATIONS:

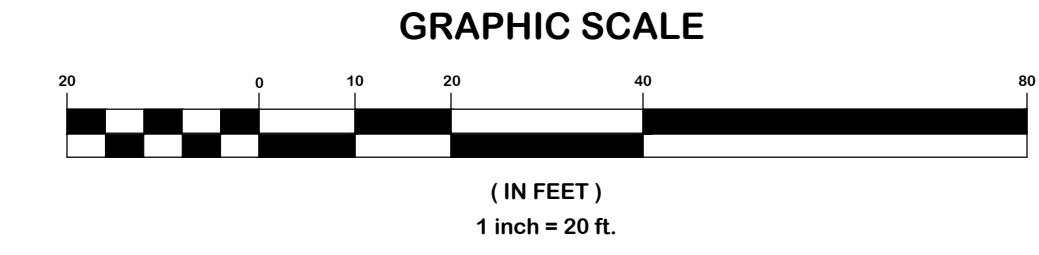
TREE COVERAGE (UDO 7.1.7.F)
REQUIRED: 1 TREE PER EVERY 2,000 SF OF PARKING AREA
PROVIDED: 7,375 / 2,000 = 3.69 = 4 TREES
PROVIDED: 7

PERIMETER ISLAND LF (UDO 7.1.7.C)
REQUIRED: 30 SHRUBS PER 100 LF OF PERIMETER ISLAND THAT IS ALONG PRIMARY INTERNAL ACCESS DRIVES.
REQUIRED: (210 LF / 100) x 30 = 63 SHRUBS
PROVIDED: 53 SHRUBS

EACH INTERIOR ISLAND (AND TERMINAL INTERIOR ISLAND) MUST INCLUDE AT LEAST 1 SHADE TREE (UDO 7.1.7.F.)
REQUIRED: 7 SHADE TREES
PROVIDED: 7 SHADE TREES

STREET TREES (UDO 8.4.D.2 & 8.5.5.D.)
REQUIRED: 1 UNDERSTORY TREE PER 20' LF (PER OHU)
BLOODWORTH ST - 75 LF / 20 = 3.75 = 4 TREES
PROVIDED: 3 UNDERSTORY TREES

VISUAL WALL BREAK SHRUBS (UDO 7.2.8.B.7.)
REQUIRED: LANDSCAPE AREA TO BREAK UP WALL PLANE
PROPOSED WALL OF 371 LF REQUIRES AT LEAST 3 LANDSCAPE AREA BREAKS
PROVIDED: 11 SHRUBS (4 LANDSCAPE AREA BREAKS)



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PAST DESIGN GROUP, PA
Engineering | Consulting
107 Fayetteville Street, Suite 200, Raleigh, North Carolina 27601
Phone: 919 946 4399 | Fax: 919 946 4395 | NC LICENSE NUMBER: C-3011

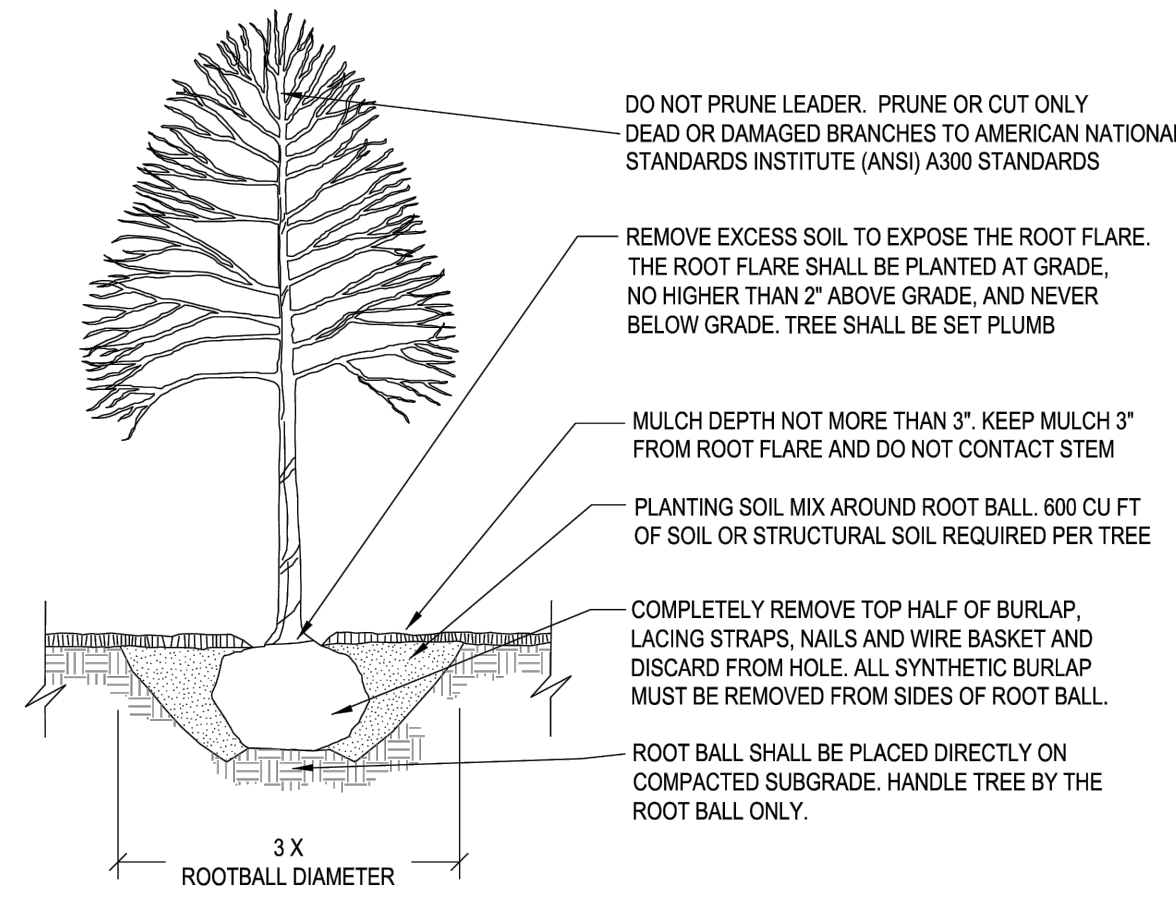
PREPARED FOR: BEGINNING & BEYOND CHILD DEVELOPMENT CENTER, INC.
337 EAST CABARRUS STREET
RALEIGH, NORTH CAROLINA 27601
DATE: 5.15.2023
PROJECT ENGINEER: PJP
PROJECT CADD DESIGNER: MJP
PROJECT SURVEYOR: MJP
BOUNDARY ZONE, INC.

516 S. BLOODWORTH STREET
RALEIGH, WAKE COUNTY, NORTH CAROLINA

**TIER 3 - ADMINISTRATIVE SITE REVIEW
LANDSCAPE PLAN**

NO.	REVISION	DATE

DRAWING SHEET
L-1.0
PROJECT NUMBER
660-23

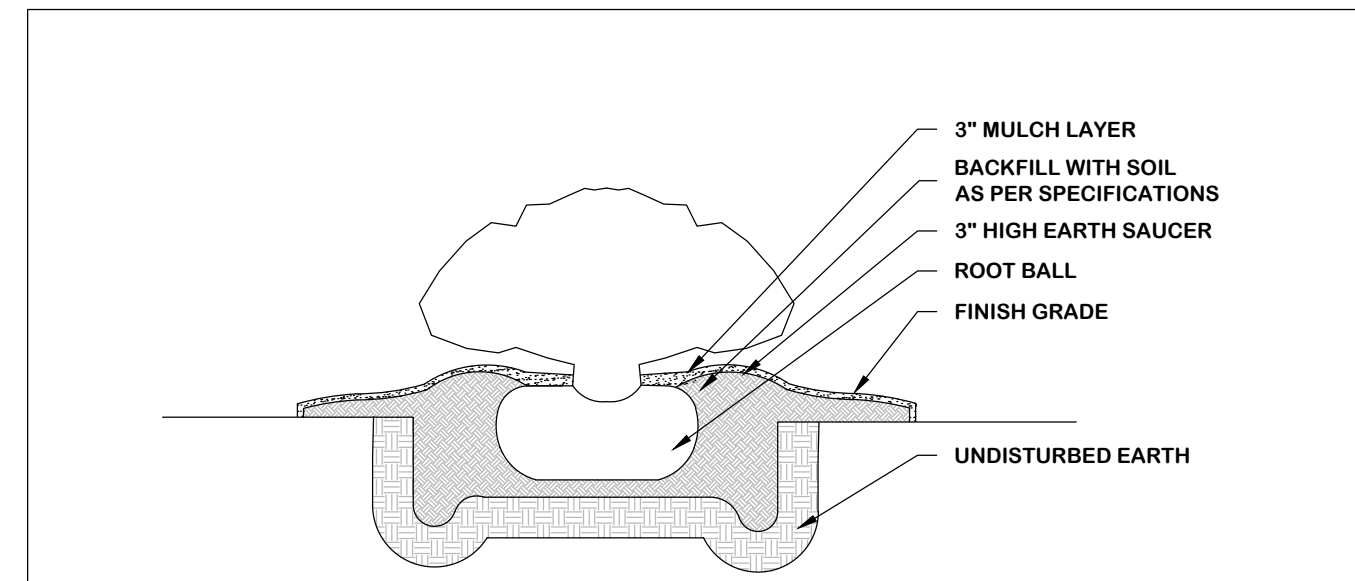


CONTACT INFORMATION:
CITY OF RALEIGH PARKS, RECREATION AND CULTURAL RESOURCES DEPARTMENT URBAN FORESTER.
TREES@RALEIGHNC.GOV
WWW.RALEIGHNC.GOV

- NOTES:
- TREES MUST MEET THE TREE QUALITY STANDARDS IN CH. 2 OF THE CITY TREE MANUAL.
 - CONTRACTOR IS RESPONSIBLE FOR ADEQUATE DRAINAGE OF ALL PLANTING PITS. (POSITIVE DRAINAGE AWAY FROM PIT)
 - TREES SHALL BE PLANTED BETWEEN OCTOBER 1ST AND APRIL 30TH.
 - A TREE IMPACT PERMIT IS REQUIRED.
 - ELECTRICAL OUTLETS AND OTHER UTILITIES ARE PROHIBITED IN THE PLANTING AREA IMMEDIATELY SURROUNDING THE TREE.
 - IF STAKING IN ACCORDANCE WITH THE CITY TREE MANUAL, THE STAKING MUST BE REMOVED WITHIN ONE YEAR.
 - TREES WILL HAVE A MINIMUM 1 YEAR WARRANTY AFTER THE INITIAL PLANTING IS APPROVED BY THE CITY.

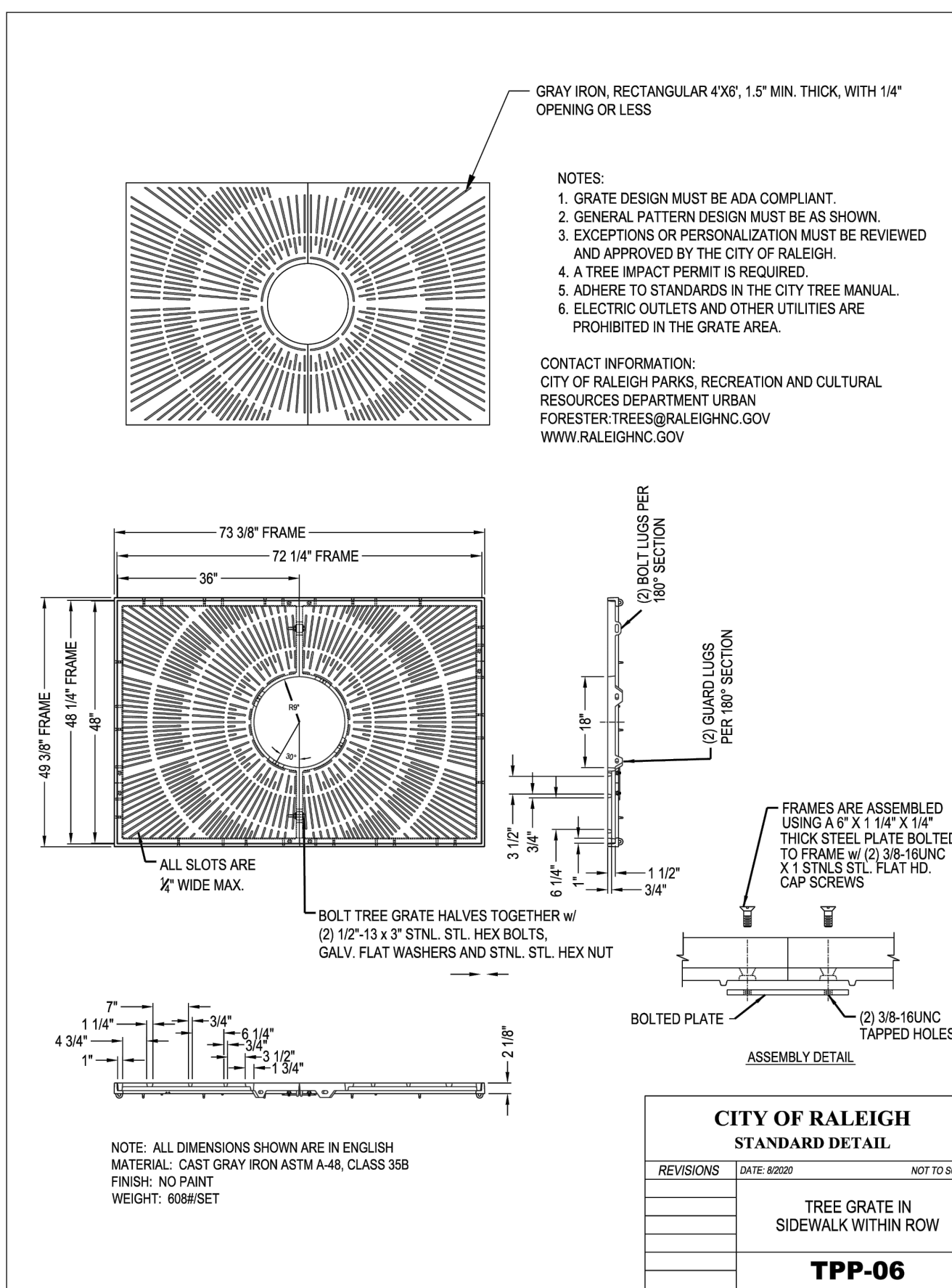
CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE	NOT TO SCALE
10/2019		
		TREE PLANTING DETAIL
		TPP-03

L1 TREE PLANTING DETAIL



- NOTES:
- REMOVE THE BURLAP, BURLAP TIES AND WIRE BASKET FROM TOP 1/3 OF ROOTBALL. REMOVE ALL NYLON STRINGS, PLASTIC LINERS AND SYNTHETIC BURLAP - TYPE OF MATERIALS FROM THE ENTIRE ROOTBALL.
 - SCARIFY ROOTBALL AND BOTTOMSIDES OF PLANT PIT.
 - EXCAVATE PLANTING PIT TWO TO THREE TIMES AS WIDE AS THE ROOTBALL. INSTALL ROOTBALL 1/4 TO 1/3 ABOVE EXISTING/PROPOSED GRADE. LOCATE ROOTBALL ON SOLID SOIL AND NOT LOOSE BACKFILL.
 - ALL SAUCERS SHALL BE SOAKED WITH WATER AND MULCHED IMMEDIATELY FOLLOWING PLANTING.
 - THE SIZE OF THE ROOTBALL SHALL CONFORM TO THE AAN STANDARDS.
 - FERTILIZED ALL PLANTS WITH AGRIFORM FERTILIZER TABLETS OR EQUAL, TO BE APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATION.
 - ALL ROOTBALLS AFTER REMOVING FROM CONTAINERS SHALL BE SCARIFIED PRIOR TO BACKFILLING THE PLANTING HOLE.
 - THOROUGHLY SOAK THE SHRUB ROOT BALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND AT LEAST ONCE A WEEK FOR THE FIRST TWO GROWING SEASONS.

L2 SHRUB PLANTING DETAIL



L3 TREE GRATE IN SIDEWALK DETAIL

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NO.	REVISION	DATE

TYP	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING/BALLAST	LLF	QTY
254A		GE LIGHTING LED205 4 1/POLE (1) "2054" LED205_4_1/POLE	(1) 4000K	13620	25' MT HT SiteLighter II	0.85	1

SEE SHEET C-0.1 FOR LEGENDS & NOTES

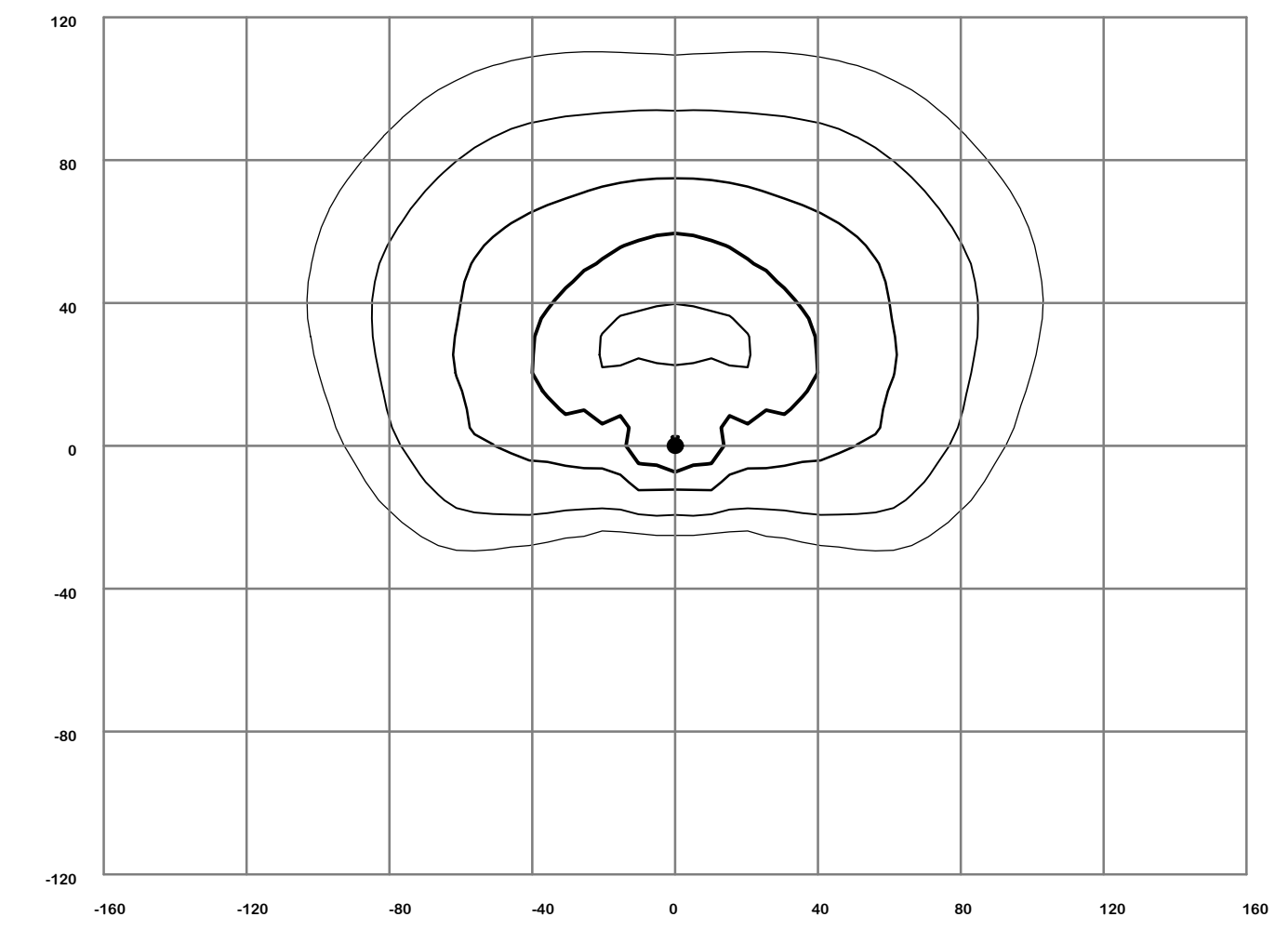
LINE	LENGTH	BEARING
L1	41.60'	S 88°08'28" E
L2	40.13'	S 88°04'32" E
L3	64.80'	S 88°02'34" E
L4	12.06'	S 02°13'12" W
L5	37.53'	S 02°13'12" W
L6	38.38'	S 02°13'12" W
L7	68.03'	S 02°13'12" W
L10	11.29'	N 02°36'25" E
L11	25.08'	N 02°36'25" E

ISOFOOTCANDLE CURVES

FIGURE: LED205, EAMM
MOUNTING HEIGHT: 25 FT
LIGHT SOURCE: 180 LED'S, 4000K
PATTERN: TYPE IV, B2-U3-G3(zero light at or above 90 degrees)

ASSY# L12KLED205LRMC
POLE ASSY# PLFG30BLC (BLACK)

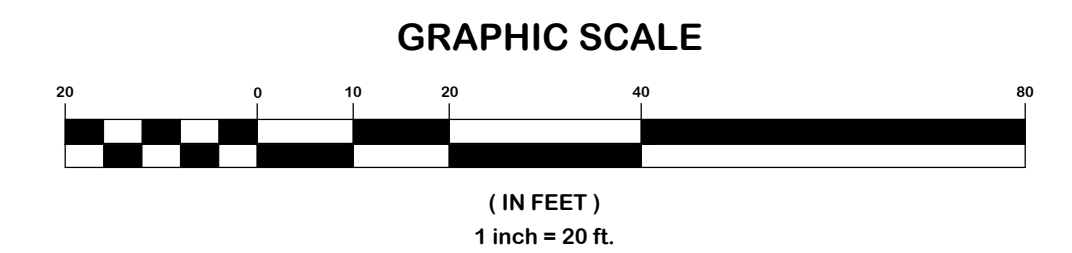
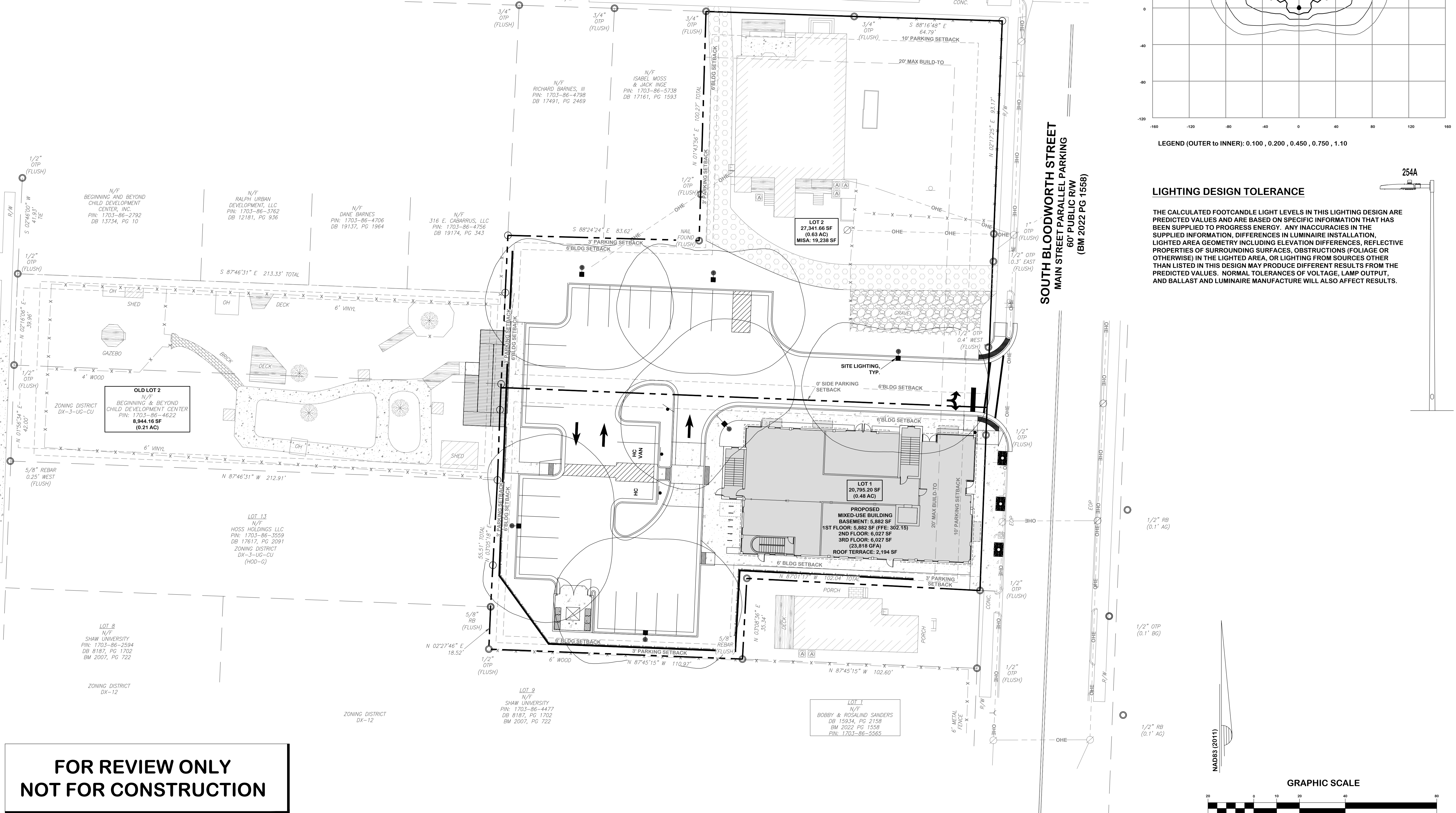
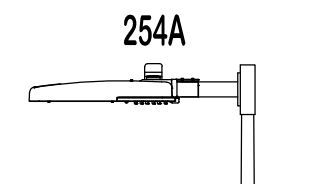
NOTE: THE FOOTCANDLE READINGS BELOW ARE MAINTAINED AND HAVE BEEN DEPRECIATED FOR LED LUMEN DEPRECIATION AND LUMINAIRE DIRT DEPRECIATION. FOR INITIAL FOOTCANDLES, DIVIDE THE READINGS BELOW BY .85.



LEGEND (OUTER to INNER): 0.100, 0.200, 0.450, 0.750, 1.10

LIGHTING DESIGN TOLERANCE

THE CALCULATED FOOTCANDLE LIGHT LEVELS IN THIS LIGHTING DESIGN ARE PREDICTED VALUES AND ARE BASED ON SPECIFIC INFORMATION THAT HAS BEEN SUPPLIED TO PROGRESS ENERGY. ANY INACCURACIES IN THE SUPPLIED INFORMATION, DIFFERENCES IN LUMINAIRE INSTALLATION, LIGHTED AREA GEOMETRY INCLUDING ELEVATION DIFFERENCES, REFLECTIVE PROPERTIES OF SURROUNDING SURFACES, OBSTRUCTIONS (FOLIAGE OR OTHERWISE) IN THE LIGHTED AREA, OR LIGHTING FROM SOURCES OTHER THAN LISTED IN THIS DESIGN MAY PRODUCE DIFFERENT RESULTS FROM THE PREDICTED VALUES. NORMAL TOLERANCES OF VOLTAGE, LAMP OUTPUT, AND BALLAST AND LUMINAIRE MANUFACTURE WILL ALSO AFFECT RESULTS.



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Phone: 919 846 4399 | Fax: 919 946 9351 | NC LICENSE NUMBER: C-3011

PREPARED FOR: BEGINNING & BEYOND DEVELOPMENT CENTER, INC.
332 EAST CABARRUS STREET
RALEIGH, NORTH CAROLINA 27601
PROJECT ENGINEER: PJP
PROJECT CADD DESIGNER: MWP
PROJECT SURVEYOR: GARY ZONE, INC.

DATE: 5.15.2023

516 S. BLOODWORTH STREET
RALEIGH, WAKE COUNTY, NORTH CAROLINA

**TIER 3 - ADMINISTRATIVE SITE REVIEW
LIGHTING PLAN**

NO.	REVISION	DATE

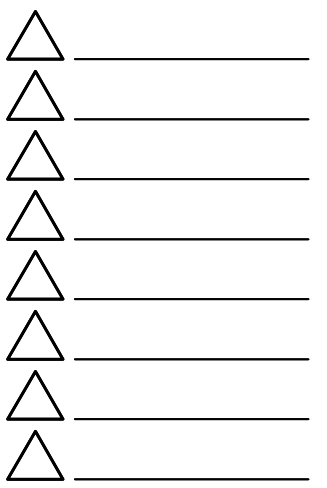
DRAWING SHEET
LP-1.0
PROJECT NUMBER
660-23

C:\Public\Projects\660-699\660-23_516_Bloodworth_(Beginning & Beyond)\50-Drawings\4-Design\660-23_LP-1.0.dwg May 21, 2023 3:01pm B:\mpallices

DAY MONTH YEAR

NOT FOR CONSTRUCTION

- PROGRESS PRINT
- HEALTH DEPT. PLAN CHECK
- BUILDING DEPT. PLAN CHECK
- BID SET
- CONSTRUCTION SET
- SUBMITTAL DOCUMENT

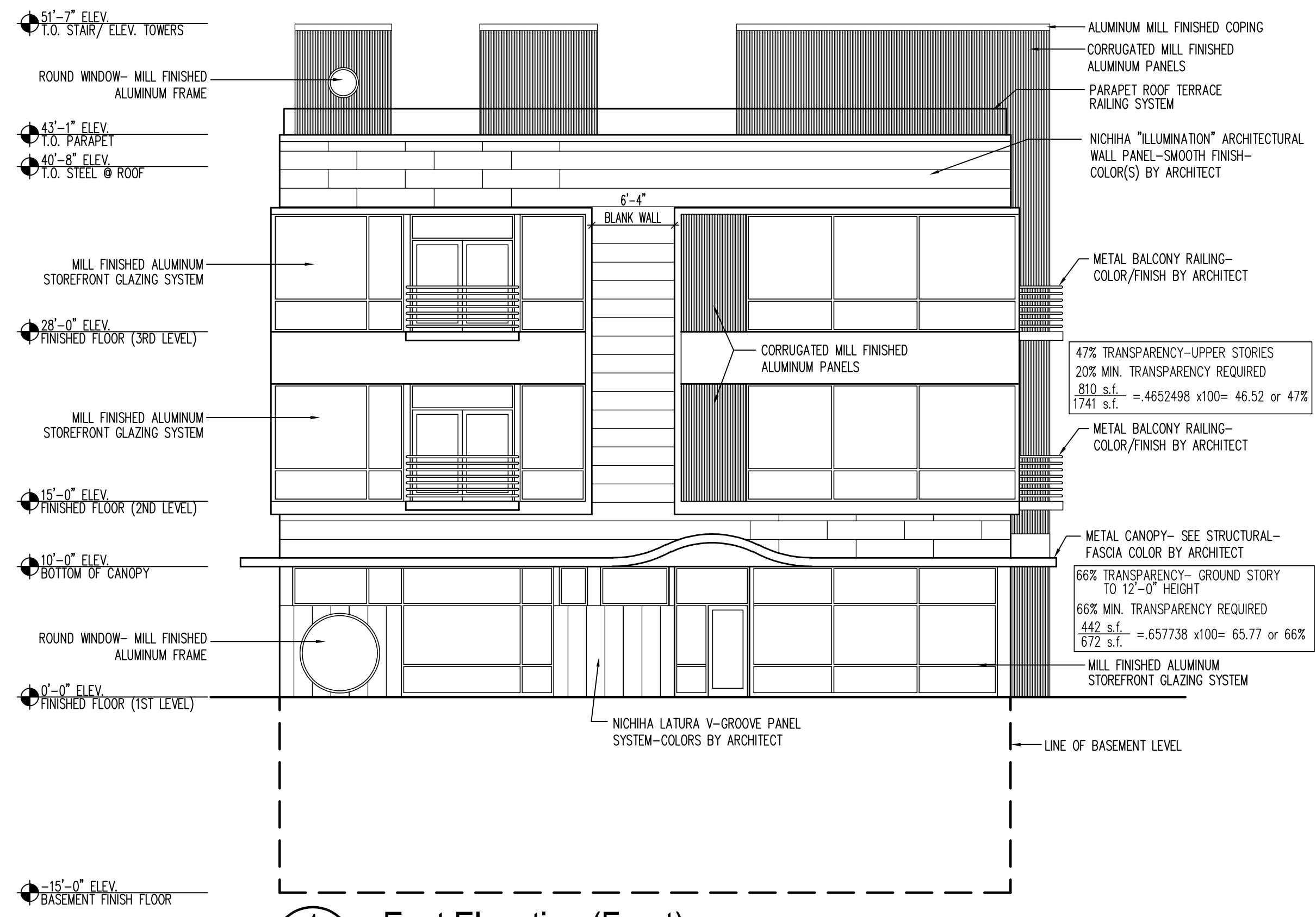


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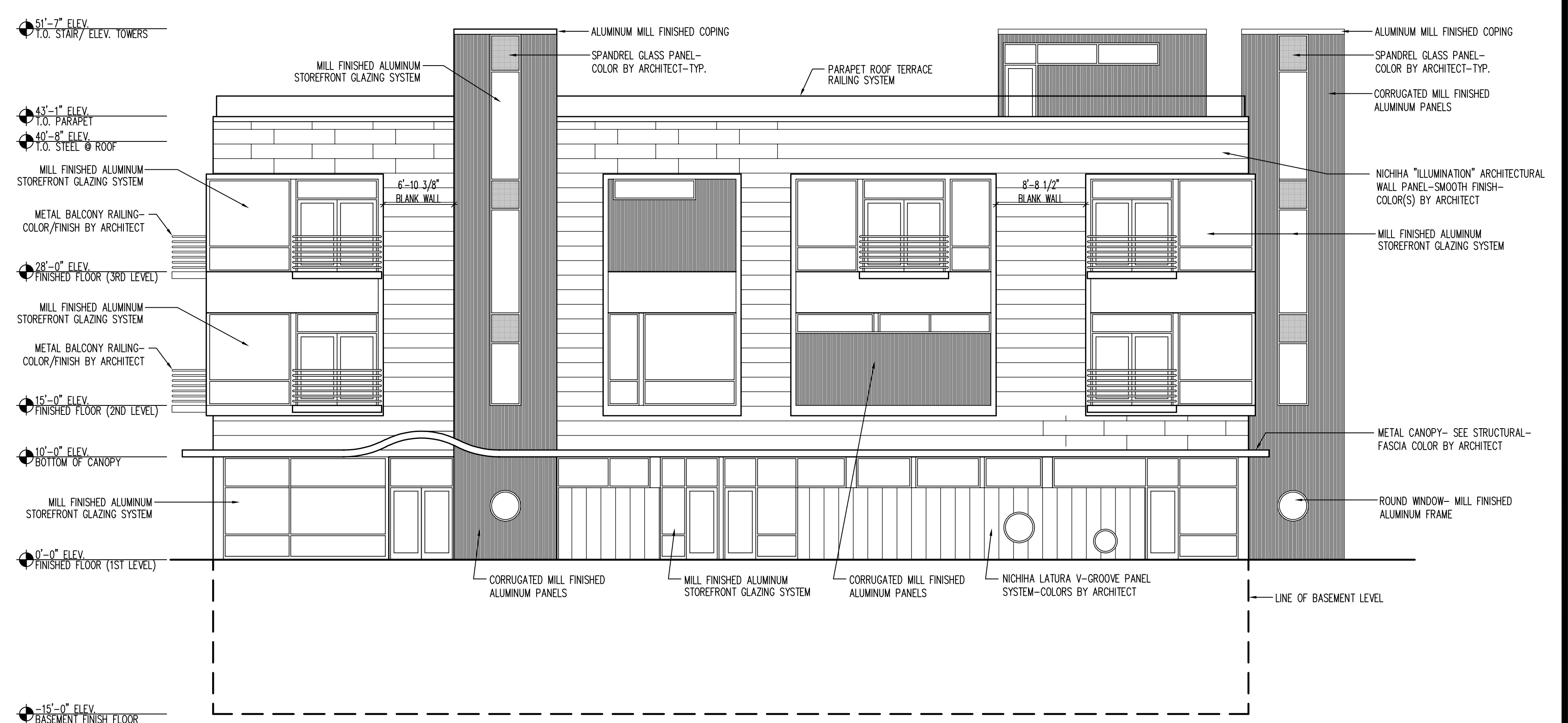
BEGINNING & BEYOND
516 BLOODWORTH BUILDING
516 BLOODWORTH STREET
RALEIGH, NC 27601
DESIGN DEVELOPMENT SET

DESIGNER : --
DRAWN : --
CHECKED : --
SCALE : AS SHOWN
JOB NUMBER : 8071
SHEET TITLE
Exterior Elevations

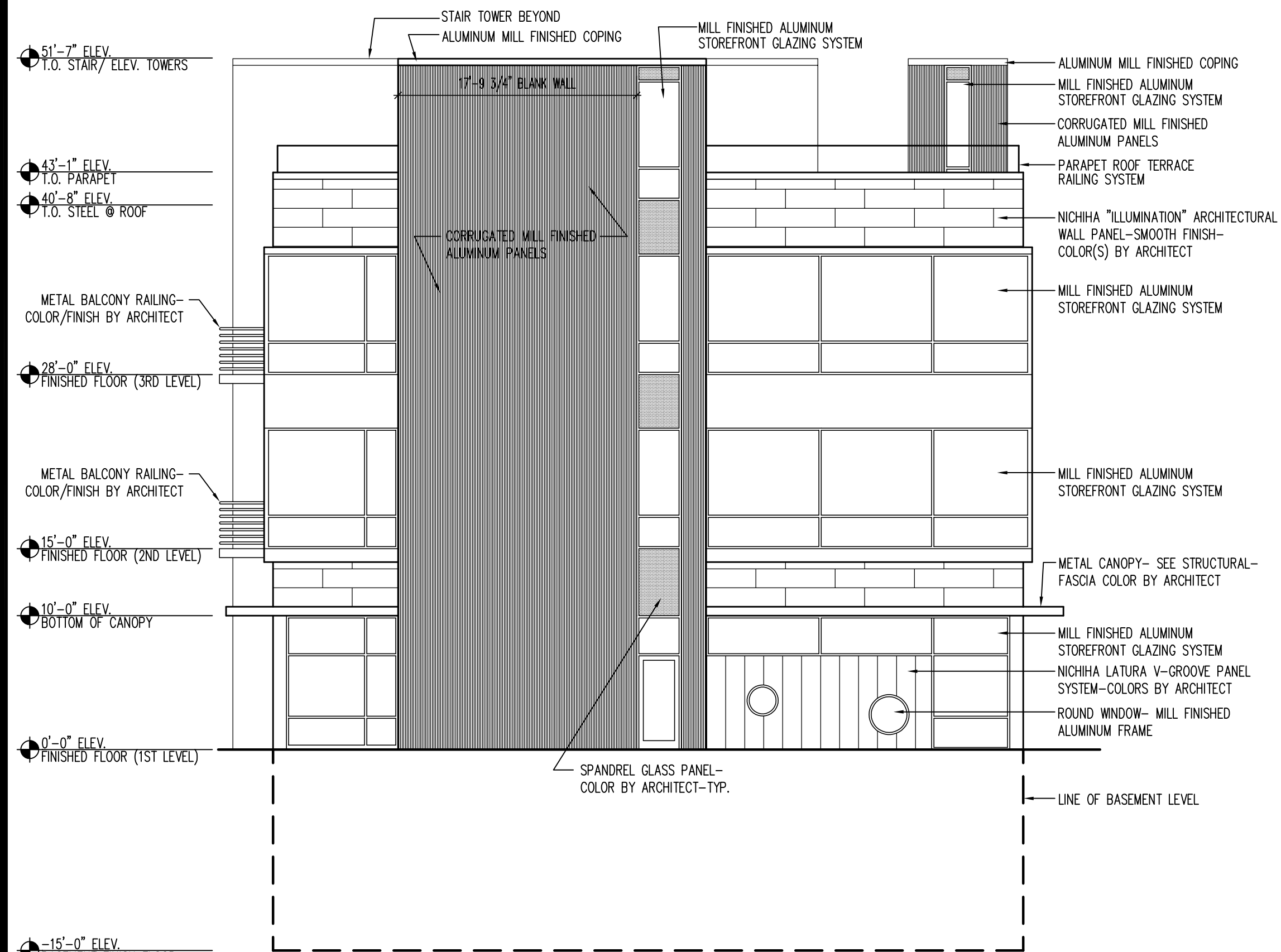
SHEET NUMBER
A201



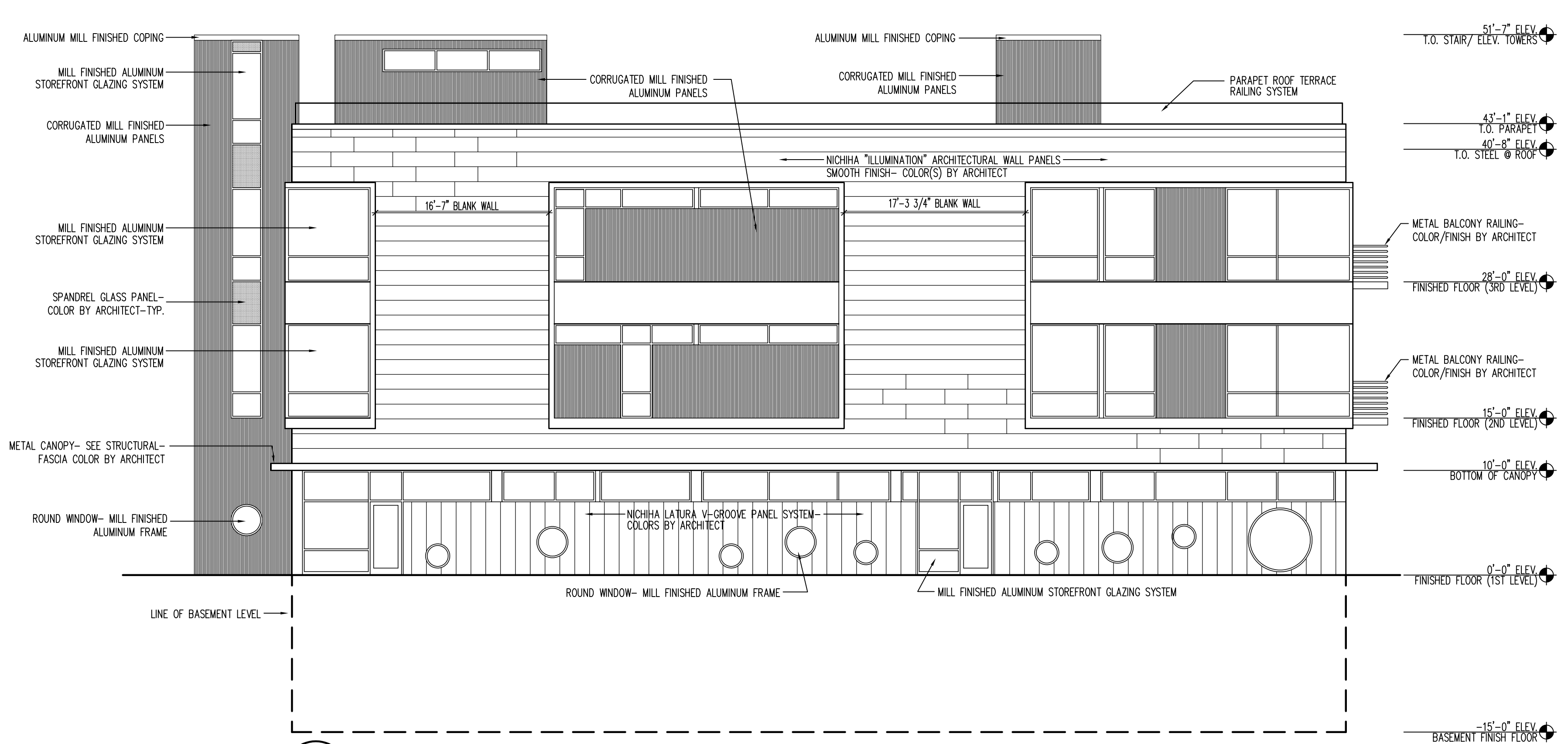
1 East Elevation (Front)
A201 SCALE: 1/8"=1'-0"



2 North Elevation
A201 SCALE: 1/8"=1'-0"



3 West Elevation
A201 SCALE: 1/8"=1'-0"



4 South Elevation
A201 SCALE: 1/8"=1'-0"